

UW Alumni Survey Results
2021-2022 DOCTORAL/PROFESSIONAL Degree Recipients

Computer Science And Engineering College Of Engineering All Professional UW Seattle

Graduates Surveyed

| | N | % | N | % | N | % | N | % |
|---------------------------|----|------|-----|------|------|------|------|------|
| Total | 44 | 100% | 130 | 100% | 1145 | 100% | 1360 | 100% |
| Women | 17 | 39% | 45 | 35% | 679 | 59% | 771 | 57% |
| Men | 27 | 61% | 85 | 65% | 466 | 41% | 589 | 43% |
| African American | 0 | 0% | 1 | 1% | 35 | 3% | 39 | 3% |
| American Indian | 0 | 0% | 0 | 0% | 16 | 1% | 18 | 1% |
| Asian American | 7 | 16% | 16 | 12% | 255 | 22% | 275 | 20% |
| Caucasian | 17 | 39% | 40 | 31% | 585 | 51% | 694 | 51% |
| Hawaiian/Pacific Islander | 0 | 0% | 0 | 0% | 7 | 1% | 8 | 1% |
| Hispanic/Latino | 1 | 2% | 5 | 4% | 76 | 7% | 91 | 7% |
| Other/Not Indicated | 19 | 43% | 68 | 52% | 171 | 15% | 235 | 17% |
| International | 19 | 43% | 63 | 48% | 146 | 13% | 201 | 15% |

Survey Response Rates

| | N | % | N | % | N | % | N | % |
|---------------------------|----|-----|----|-----|-----|-----|-----|-----|
| Total | 12 | 27% | 37 | 28% | 249 | 22% | 302 | 22% |
| Women | 7 | 58% | 16 | 43% | 168 | 67% | 191 | 63% |
| Men | 5 | 42% | 21 | 57% | 81 | 33% | 111 | 37% |
| African American | 0 | 0% | 0 | 0% | 9 | 4% | 9 | 3% |
| American Indian | 0 | 0% | 0 | 0% | 5 | 2% | 5 | 2% |
| Asian American | 1 | 8% | 2 | 5% | 49 | 20% | 51 | 17% |
| Caucasian | 8 | 67% | 14 | 38% | 125 | 50% | 153 | 51% |
| Hawaiian/Pacific Islander | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Hispanic/Latino | 0 | 0% | 1 | 3% | 16 | 6% | 21 | 7% |
| Other/Not Indicated | 3 | 25% | 20 | 54% | 45 | 18% | 63 | 21% |
| International | 3 | 25% | 18 | 49% | 40 | 16% | 56 | 19% |

Current Status

| | N | % | N | % | N | % | N | % |
|---|----|-----|----|-----|-----|-----|-----|-----|
| Employed for pay full time | 10 | 83% | 31 | 84% | 210 | 84% | 249 | 82% |
| Employed for pay part time | 0 | 0% | 0 | 0% | 6 | 2% | 11 | 4% |
| Participating in a volunteer or service program | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Serving in the U.S. military | 0 | 0% | 0 | 0% | 1 | 0% | 1 | 0% |
| Enrolled in a certificate or degree program | 0 | 0% | 0 | 0% | 7 | 3% | 8 | 3% |
| Planning to continue education | 0 | 0% | 0 | 0% | 1 | 0% | 1 | 0% |
| Seeking employment | 2 | 17% | 4 | 11% | 9 | 4% | 13 | 4% |
| A fellowship | 0 | 0% | 2 | 5% | 15 | 6% | 17 | 6% |
| Not seeking employment or continuing education | 0 | 0% | 0 | 0% | 0 | 0% | 2 | 1% |

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Employed Full Time or Part time**Type of employment**

| | N | % | N | % | N | % | N | % |
|--|---|-----|----|-----|-----|-----|-----|-----|
| Employee working for a company or organization | 9 | 90% | 22 | 76% | 125 | 60% | 138 | 55% |
| Entrepreneur/self-employed | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Temporary/contract work assignment | 0 | 0% | 0 | 0% | 5 | 2% | 6 | 2% |
| Freelance | 0 | 0% | 0 | 0% | 1 | 0% | 1 | 0% |
| Postgraduate internship or fellowship | 1 | 10% | 6 | 21% | 58 | 28% | 70 | 28% |
| Faculty tenure track position | 0 | 0% | 1 | 3% | 10 | 5% | 16 | 6% |
| Faculty non-tenure track position | 0 | 0% | 0 | 0% | 8 | 4% | 19 | 8% |
| Other | 0 | 0% | 0 | 0% | 2 | 1% | 3 | 1% |

Career related

| | N | % | N | % | N | % | N | % |
|-----|----|------|----|-----|-----|-----|-----|-----|
| Yes | 10 | 100% | 27 | 96% | 202 | 98% | 243 | 97% |
| No | 0 | 0% | 1 | 4% | 4 | 2% | 7 | 3% |

Job location

| | N | % | N | % | N | % | N | % |
|----------------------------------|---|-----|----|-----|-----|-----|-----|-----|
| King, Pierce, Snohomish counties | 5 | 50% | 13 | 45% | 117 | 58% | 135 | 55% |
| Other Washington | 0 | 0% | 0 | 0% | 8 | 4% | 8 | 3% |
| Alaska, Idaho, Oregon | 0 | 0% | 1 | 3% | 8 | 4% | 8 | 3% |
| California, Hawaii | 2 | 20% | 4 | 14% | 19 | 9% | 21 | 9% |
| Mountain states | 1 | 10% | 3 | 10% | 9 | 4% | 10 | 4% |
| Central states | 0 | 0% | 2 | 7% | 14 | 7% | 20 | 8% |
| Eastern states | 2 | 20% | 4 | 14% | 20 | 10% | 29 | 12% |
| International | 0 | 0% | 2 | 7% | 7 | 3% | 15 | 6% |

Type of employer

| | N | % | N | % | N | % | N | % |
|--------------------|---|-----|----|-----|----|-----|----|-----|
| For-profit company | 8 | 89% | 20 | 71% | 75 | 37% | 87 | 36% |
| Non-profit/NGO | 1 | 11% | 3 | 11% | 43 | 21% | 50 | 20% |
| Government | 0 | 0% | 4 | 14% | 70 | 35% | 91 | 37% |
| Other | 0 | 0% | 1 | 4% | 14 | 7% | 16 | 7% |

Search time (weeks)

| | N | | N | | N | | N | |
|-------|------|--|------|--|------|--|------|--|
| | 6 | | 24 | | 151 | | 177 | |
| Mean | 9.3 | | 11.2 | | 9.2 | | 10.0 | |
| SD | 5 | | 13 | | 10 | | 11 | |
| Range | 6 20 | | 0 52 | | 0 52 | | 0 52 | |

Salary

| | N | | N | | N | | N | |
|-------|-----------------|--|----------------|--|----------------|--|----------------|--|
| | 7 | | 18 | | 111 | | 122 | |
| Mean | 171,857 | | 141,556 | | 117,679 | | 117,995 | |
| SD | 32,647 | | 41,288 | | 40,710 | | 40,423 | |
| Range | 135,000 233,000 | | 75,000 233,000 | | 52,000 233,000 | | 48,000 233,000 | |

First year bonus

| | N | | N | | N | | N | |
|-------|---------------|--|--------------|--|--------------|--|---------------|--|
| | 4 | | 7 | | 27 | | 32 | |
| Mean | 33,000 | | 23,143 | | 15,611 | | 25,797 | |
| SD | 14,353 | | 16,201 | | 13,073 | | 36,406 | |
| Range | 15,000 50,000 | | 5,000 50,000 | | 1,500 50,000 | | 1,500 172,000 | |

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Participating in a Volunteer or Service Program**Program location**

| | N | % | N | % | N | % | N | % |
|----------------------------------|---|----|---|----|---|----|---|----|
| King, Pierce, Snohomish counties | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Other Washington | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Alaska, Idaho, Oregon | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| California, Hawaii | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Mountain states | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Central states | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Eastern states | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| International | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |

Serving in the US Military**Service branch**

| | N | % | N | % | N | % | N | % |
|--------------|---|----|---|----|---|------|---|------|
| Air Force | 0 | 0% | 0 | 0% | 1 | 100% | 1 | 100% |
| Army | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Coast Guard | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Marine Corps | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Navy | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |

Status

| | N | % | N | % | N | % | N | % |
|----------------|---|----|---|----|---|------|---|------|
| Active duty | 0 | 0% | 0 | 0% | 1 | 100% | 1 | 100% |
| Reserve | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| National Guard | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |

Enrolled in Educational Program**Degree program**

| | N | % | N | % | N | % | N | % |
|--|---|----|---|----|---|-----|---|-----|
| Certificate | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Advanced Certificate | 0 | 0% | 0 | 0% | 1 | 14% | 1 | 14% |
| Associate (AA/AS) | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Bachelor (BA/BS) | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Masters (MA/MS) – terminal degree | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Masters (MA/MS) – leading to doctorate | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Doctorate (PhD/EdD) | 0 | 0% | 0 | 0% | 1 | 14% | 1 | 14% |
| Professional (JD, MD, DDS, PharmD) | 0 | 0% | 0 | 0% | 2 | 29% | 2 | 29% |
| Non-Degree Seeking | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Postdoctoral Studies | 0 | 0% | 0 | 0% | 1 | 14% | 1 | 14% |
| Other | 0 | 0% | 0 | 0% | 2 | 29% | 2 | 29% |

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School location

| | N | % | N | % | N | % | N | % |
|----------------------------------|---|----|---|----|---|-----|---|-----|
| King, Pierce, Snohomish counties | 0 | 0% | 0 | 0% | 3 | 43% | 3 | 43% |
| Other Washington | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Alaska, Idaho, Oregon | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| California, Hawaii | 0 | 0% | 0 | 0% | 1 | 14% | 1 | 14% |
| Mountain states | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Central states | 0 | 0% | 0 | 0% | 1 | 14% | 1 | 14% |
| Eastern states | 0 | 0% | 0 | 0% | 2 | 29% | 2 | 29% |
| International | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |

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All Respondents**Authorized to permanently work in the U.S.**

| | N | % | N | % | N | % | N | % |
|-----|---|-----|----|-----|-----|-----|-----|-----|
| Yes | 9 | 90% | 21 | 64% | 204 | 88% | 244 | 87% |
| No | 1 | 10% | 12 | 36% | 27 | 12% | 38 | 13% |

Amount UW academic program ADVANCED LEARNING

1=Not at all; 2=Somewhat; 3=Moderately; 4=Very much

| | N | Mean | N | Mean | N | Mean | N | Mean |
|--|----|------|----|------|-----|------|-----|------|
| Acquiring deep knowledge in your chosen field of study | 11 | 3.7 | 31 | 3.6 | 221 | 3.6 | 272 | 3.7 |
| Writing effectively | 11 | 3.5 | 31 | 3.6 | 219 | 3.4 | 270 | 3.4 |
| Speaking effectively about ideas, projects, and plans | 11 | 3.5 | 31 | 3.6 | 220 | 3.2 | 270 | 3.2 |
| Critically analyzing the research, technical literature, and/or performance in your field | 11 | 3.6 | 31 | 3.6 | 220 | 3.6 | 271 | 3.6 |
| Identifying important questions in your field | 11 | 3.2 | 31 | 3.3 | 220 | 3.5 | 271 | 3.5 |
| Identifying and using the best methods for answering specific questions in your field | 11 | 3.5 | 31 | 3.5 | 219 | 3.4 | 270 | 3.5 |
| Knowing how to generate original/creative ideas, solutions, and research directions | 11 | 3.3 | 31 | 3.2 | 219 | 3.2 | 270 | 3.2 |
| Knowing how to put research ideas into practice in your field | 11 | 3.4 | 31 | 3.2 | 218 | 3.1 | 269 | 3.2 |
| Understanding ethics and ethical practice in your field | 11 | 2.7 | 31 | 3.0 | 221 | 3.3 | 271 | 3.2 |
| Understanding, evaluating, and using the quantitative methods relevant to your field | 11 | 3.5 | 30 | 3.6 | 218 | 3.2 | 269 | 3.2 |
| Mastering specialized instruments, computer programs, or materials important to your field | 11 | 3.5 | 31 | 3.6 | 219 | 3.1 | 270 | 3.0 |
| Learning independently | 11 | 3.5 | 31 | 3.7 | 219 | 3.6 | 270 | 3.6 |
| Working collaboratively with others within your field | 11 | 3.2 | 31 | 3.2 | 219 | 3.3 | 269 | 3.2 |
| Working collaboratively with interdisciplinary groups | 11 | 2.9 | 31 | 3.1 | 221 | 3.0 | 272 | 3.0 |
| Understanding and valuing diverse people and cultures | 11 | 2.9 | 31 | 3.2 | 221 | 3.2 | 271 | 3.2 |
| Using self-reflection and self-assessment to guide next directions | 11 | 2.8 | 31 | 3.0 | 220 | 3.0 | 270 | 3.0 |

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IMPORTANCE to current work and life

1=Not at all; 2=Somewhat; 3=Moderately; 4=Very

| | N | Mean | N | Mean | N | Mean | N | Mean |
|--|---|------|----|------|-----|------|-----|------|
| Acquiring deep knowledge in your chosen field of study | 9 | 3.9 | 26 | 3.8 | 205 | 3.7 | 253 | 3.7 |
| Writing effectively | 9 | 3.6 | 26 | 3.7 | 206 | 3.5 | 254 | 3.6 |
| Speaking effectively about ideas, projects, and plans | 9 | 3.7 | 26 | 3.7 | 202 | 3.7 | 250 | 3.7 |
| Critically analyzing the research, technical literature, and/or performance in your field | 9 | 3.6 | 26 | 3.7 | 203 | 3.6 | 250 | 3.6 |
| Identifying important questions in your field | 9 | 3.6 | 26 | 3.7 | 203 | 3.6 | 251 | 3.5 |
| Identifying and using the best methods for answering specific questions in your field | 9 | 3.7 | 26 | 3.8 | 202 | 3.6 | 250 | 3.6 |
| Knowing how to generate original/creative ideas, solutions, and research directions | 9 | 3.6 | 26 | 3.6 | 202 | 3.5 | 250 | 3.5 |
| Knowing how to put research ideas into practice in your field | 9 | 3.4 | 26 | 3.6 | 203 | 3.5 | 251 | 3.5 |
| Understanding ethics and ethical practice in your field | 9 | 2.9 | 26 | 3.3 | 203 | 3.6 | 251 | 3.6 |
| Understanding, evaluating, and using the quantitative methods relevant to your field | 9 | 3.1 | 26 | 3.5 | 203 | 3.3 | 251 | 3.2 |
| Mastering specialized instruments, computer programs, or materials important to your field | 9 | 3.3 | 26 | 3.5 | 202 | 3.3 | 250 | 3.2 |
| Learning independently | 9 | 3.4 | 26 | 3.5 | 202 | 3.7 | 250 | 3.7 |
| Working collaboratively with others within your field | 9 | 3.4 | 26 | 3.7 | 202 | 3.8 | 250 | 3.7 |
| Working collaboratively with interdisciplinary groups | 9 | 2.7 | 26 | 3.3 | 203 | 3.6 | 251 | 3.6 |
| Understanding and valuing diverse people and cultures | 9 | 2.6 | 26 | 3.3 | 202 | 3.6 | 250 | 3.6 |
| Using self-reflection and self-assessment to guide next directions | 9 | 3.2 | 26 | 3.3 | 202 | 3.5 | 250 | 3.5 |

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Overall UW experience

1=Poor; 2=Fair; 3=Good; 4=Excellent

| | N | Mean | N | Mean | N | Mean | N | Mean |
|---|----|------|----|------|-----|------|-----|------|
| The help you received from your graduate thesis (MA/MS graduates) or dissertation (PhD graduates) committee members | 10 | 3.4 | 27 | 3.3 | 194 | 3.1 | 244 | 3.2 |
| The help you received from graduate student colleagues | 10 | 3.3 | 27 | 3.2 | 204 | 3.2 | 254 | 3.2 |
| The help you received navigating the job market | 10 | 2.9 | 27 | 2.4 | 203 | 2.4 | 253 | 2.4 |
| Your overall learning experience at the UW | 10 | 3.3 | 26 | 3.4 | 202 | 3.2 | 251 | 3.3 |

1=Strongly Disagree; 2=Disagree; 3=Agree; 4=Strongly Agree

| | N | Mean | N | Mean | N | Mean | N | Mean |
|---|----|------|----|------|-----|------|-----|------|
| Faculty treated students respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin. | 10 | 3.7 | 27 | 3.5 | 208 | 3.2 | 258 | 3.3 |
| Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin. | 10 | 3.5 | 27 | 3.6 | 208 | 3.5 | 257 | 3.5 |
| Classrooms, labs, and other campus spaces were accessible. | 10 | 3.4 | 27 | 3.5 | 207 | 3.3 | 256 | 3.3 |
| If I had to make my college choice over again, I would choose to attend UW. | 10 | 3.4 | 27 | 3.4 | 208 | 3.4 | 258 | 3.4 |

1=Strongly Dissatisfied; 2= Dissatisfied; 3= Satisfied; 4= Strongly Satisfied

| | N | Mean | N | Mean | N | Mean | N | Mean |
|---|----|------|----|------|-----|------|-----|------|
| How satisfied are you with your overall experience at UW? | 10 | 3.4 | 27 | 3.4 | 204 | 3.3 | 252 | 3.3 |

Current activity roster**Employed Full Time or Part time**

| Job title | Employing organization |
|--|-------------------------------|
| research scientist | Spotify |
| Senior Machine Learning Researcher | Apple, Inc. |
| AI Research Engineer | Duolingo |
| Senior Research Engineer | iRhythm Technologies |
| head of machine learning research | |
| Senior Software Engineer | Qualcomm |
| Senior Machine Learning Systems Engineer | OctoML |
| Technical Lead | |
| Postdoctoral Scholar | Stanford University |
| software engineer | Advanced Micro Devices |