

NOVEMBER 2022

# CAREER OUTCOMES REPORT

**School of Engineering &  
Applied Science,  
Online Master's Degree  
Candidates**



**Penn  
Engineering**  
UNIVERSITY of PENNSYLVANIA

Online  
Education

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# METHODOLOGY

Career Services at the University of Pennsylvania annually surveys graduating students to provide a snapshot of their post-graduation plans. This is the second complete report of the Master of Computer and Information Technology Online program which looks at 262 graduates who received their degrees between August 2021 and May 2022. As of October 24, 2022, the survey has produced a 68% knowledge rate. Additional information was collected via LinkedIn and other sources, bringing the knowledge rate up to 89%, a total of 233 known graduate outcomes.



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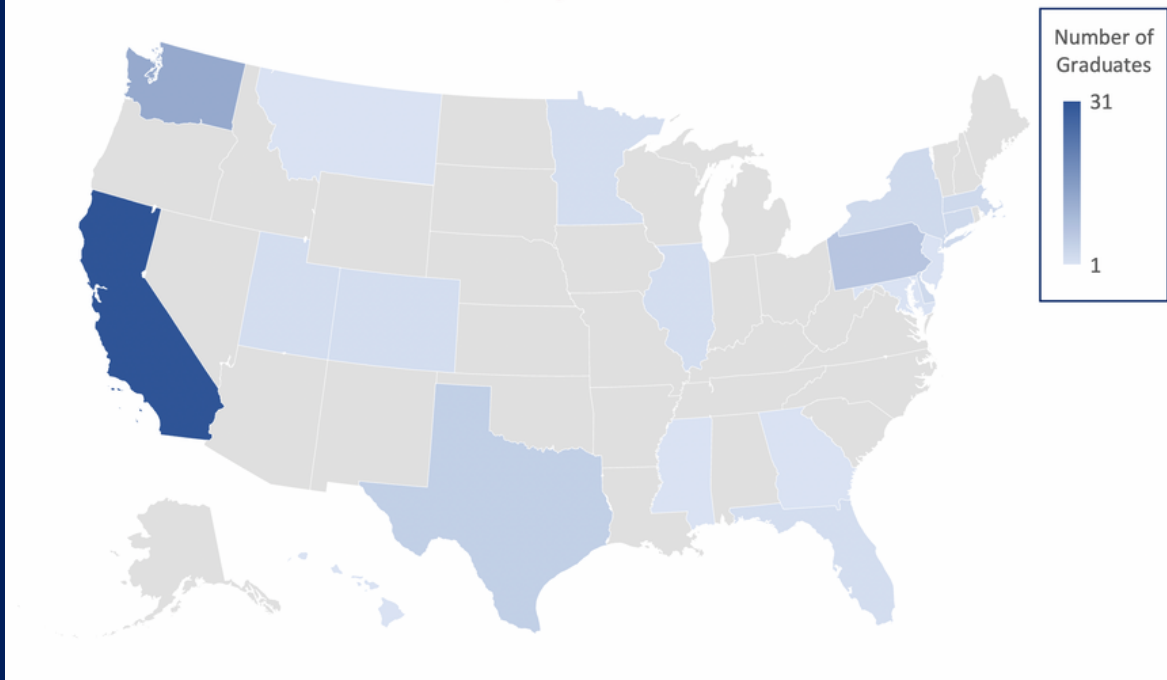
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# EMPLOYMENT BY LOCATION

116 Responses

## MCIT Graduate Employment in the United States



## International Graduate Employment Locations Also Include:

- Adelaide, Australia
- Barcelona, Spain
- Beijing, China (2)
- Casablanca, Morocco
- Chisinau, Moldova
- Hong Kong
- Jakarta, Indonesia
- Kuala Lumpur, Malaysia
- London, UK (3)
- Mexico City, Mexico
- Montreal, Canada
- Panama
- Quebec, Canada
- Seoul, South Korea
- Singapore
- Suffolk, UK
- Tel Aviv
- Tokyo, Japan
- Toronto, Canada (2)
- Vancouver, Canada (3)
- Zurich, Switzerland

The following information reflects the experiences of students who reported finding new employment during or less than one year after completing the MCIT Online degree. This data excludes respondents who are continuing their employment in the same position with the same employer as when they started the MCIT Online program.

## NEW EMPLOYMENT DATA

### OF GRADUATES WHO REPORTED FINDING NEW EMPLOYMENT...

**17%**

went to **GAMAM**  
(Google, Amazon, Meta, Apple, and Microsoft)

**48%**

went into **Software Engineering/Development**

**15%**

are working in **Silicon Valley**

### TOP EMPLOYERS

Amazon (11)  
Google (10)  
Meta (3)  
Deloitte (3)  
Goldman Sachs (3)  
Microsoft (2)  
Bloomberg (2)  
Capital One (2)  
Mastercard (2)  
Millennium (2)  
Github (2)  
Palantir (2)  
Stripe (2)  
Truveta (2)  
University of Pennsylvania (2)



**\$129,947**

Average annual salaries from graduates employed full-time in the U.S.

**\$59,000-  
\$274,000**

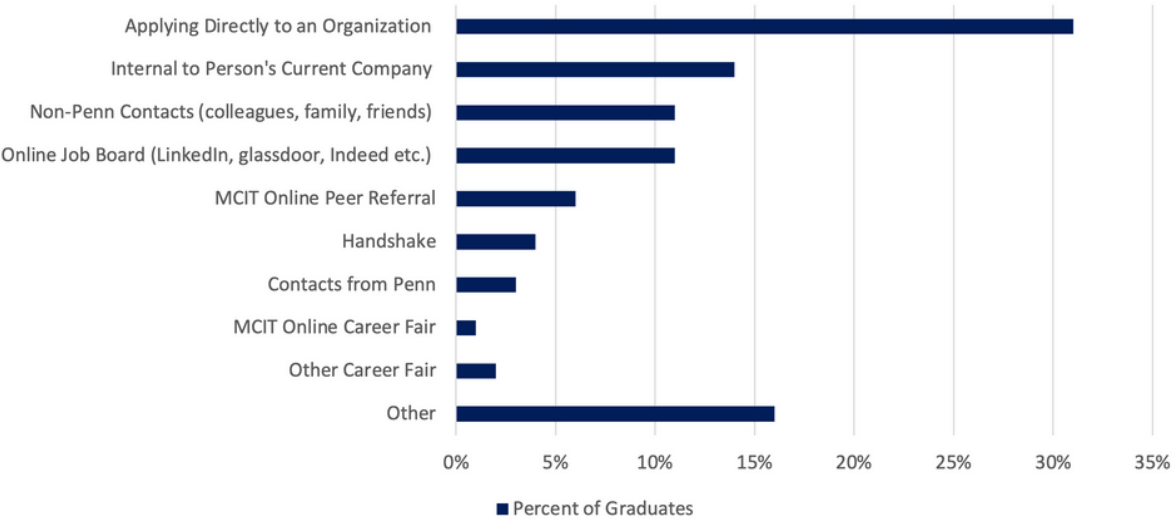
Annual salary range from graduates employed full-time in the U.S.

**SALARY DATA**  
64 RESPONSES

**JOB OFFER SOURCE**  
93 RESPONSES



**Job Offer Source**



# EMPLOYMENT BY INDUSTRY

116 Responses

Industry	Number Employed
Technology	41
Financial Services: Diversified	7
Financial Services: Investment Management/Counsel	6
Engineering	5
Consulting: Management Consulting	3
Financial Services: Investment Banking/Brokerage	3
Other	3
Media/Journalism/Entertainment	2
Pharmaceutical/Biotechnology	2
Transportation	2
Accounting	1
Aerospace	1
Automotive	1
Chemicals/Gasses	1
Consulting: Non-Profit/Government	1
Consumer Products	1
Design/Fine Arts	1
Education: Elementary/Secondary Education	1
Education: Higher Education- Non-Research	1
Education: Higher Education- Research Lab	1
Education: Other	1
Financial Services: Hedge Fund	1
Financial Services: Private Equity	1
Government: State/Local	1
Healthcare: Community/Public Health Center	1
Healthcare: Hospital	1
Marketing/Advertising/Public Relations	1
Real Estate/Construction	1
Retail/Wholesale	1

## NEW EMPLOYMENT: SALARIES BY INDUSTRY

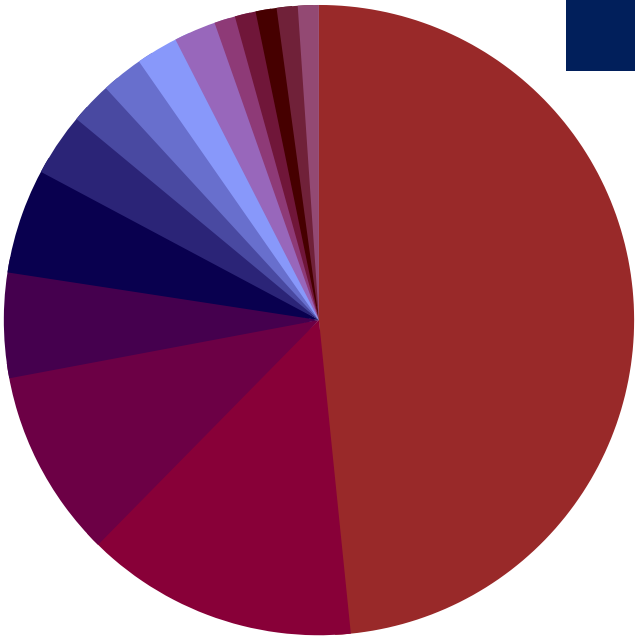
*Job industries with fewer than 3 reported salaries are not published to maintain confidentiality.*

Job Function	Reportin g	Average	Range (low)	Range (high)
Consulting: Management Consulting	3	\$104,667	\$59,000	\$165,000
Engineering	4	\$162,200	\$129,000	\$226,000
Financial Services: Diversified	5	\$110,800	\$85,000	\$154,000
Financial Services: Investment Banking	3	\$111,667	\$80,000	\$135,000
Technology	27	\$140,333	\$60,000	\$274,000



# EMPLOYMENT BY JOB FUNCTION

93 RESPONSES



- 48% Software Engineer/Developer
- 14% Data and Analytics
- 9.7% Other
- 5.4% Information Technology
- 5.4% Product Manager
- 3.2% Business Development
- 2.2% Project Manager
- 2.2% Research
- 2.2% Research and Development
- 1.1% Design
- 1.1% Operations
- 1.1% Systems Engineer
- 1.1% Technical Support
- 1.1% Web Development/Design

## NEW EMPLOYMENT: SALARIES BY JOB FUNCTION

Job functions with fewer than 3 reported salaries  
are not published to maintain confidentiality.

Job Function	Reporting	Average	Range (low)	Range (high)
Data and Analytic	8	\$114,250	\$70,000	\$180,000
Information Technolog	4	\$101,250	\$80,000	\$120,000
Software Engineer/Developer	39	\$133,564	\$59,000	\$274,000



## OTHER FORMS OF INCOME

21 Responses



Additional Income Streams      Number of Graduates that Obtained This Income

Stock Options	32
Relocation	17
Visa Sponsorship	15
Other	8

**CONTINUING  
EDUCATION**

- Georgia Institute of Technology, Masters in Machine Learning
- Columbia University, PhD in Computer Science

# EMPLOYERS & JOB TITLES

- 1QBit, Research Software Developer
- ADARE Pharma Solution, Lab Software Admin
- Adecco, Junior Data Analyst & Developer
- Allvue Systems, Senior Implementations Associate
- Amazon, Senior Technical Product Manager
- Amazon, Software Development Engineer (6)
- Angelo Gordon, Product Manager
- Apeel, Software Engineer Intern
- Apple, Machine Learning Engineer
- Arcadis, Management Consultant
- Arista Networks, Software Engineer
- Asana, Software Engineer
- Atlassian, Software Engineer
- Attentive, Software Engineer I
- AWS, Software Development Engineer (4)
- Bain & Company, Consultant
- Barrington Media Group, Vice President of Business Intelligence & Technology
- BlackRock, Data Analyst
- Bloomberg LP, Software Engineer (2)
- Boston Consulting Group, Consultant
- Capital One, Sr. Project Manager
- Capital One, Data Science Manager
- CARSOME, Software Engineer
- Chase, Associate, Risk Strategic Analytics
- Chengdu Environment Group, Vice President of Technology
- Citi, Data Scientist
- Citigroup, Quantitative Analyst
- CitiucTech, Asst Vice President
- CNOOC International, Technical Evaluation Engineer
- Coinbase, Associate Product Manager
- Comcast, Engineering Fellow
- Composable Finance, Rust Developer
- Credit Agricole, Trader
- Deloitte, Software Engineer
- Deloitte, Consultant
- Deloitte, Data Science
- Didi, Data Analyst
- Dresslife, Full Stack Developer
- Edifecs via Est Computer, Software Engineer
- Electrum, Senior Product Manager
- Ernst & Young, Data & Analytics Manager
- Ethos, Director of Product & Engineering
- Expedia, Software Engineer
- FeatureBase, Customer Engineer
- Federal Reserve Bank of Cleveland, Data Analytics Developer
- Felix, Product Manager
- Flipboard, Manager, Product Analytics
- Ford, Business Development Manager
- Fred Hutch, Staff Scientist

- Freewheel, Senior Software Engineer
- Generac Power Systems, Data Scientist
- General Motors, Software Developer
- Generative Mind, Software Developer
- GitHub, Software Engineer II
- GitHub, Software Engineer
- Goldman Sachs, Vice President – Strategist
- Goldman Sachs, Software Engineer
- Goldman Sachs, Associate, Equity Derivatives, Structured Equity Financing
- Google, Software Engineer (5)
- Google, Accountant
- Google, Developer Relations Engineering Manager
- Google, Industry Manager
- Google, Product Manager
- GSK, Tech Future Leaders Associate - Legal, Ethics, & Compliance Technology
- Healium, Chairman of the Board, Chief Medical Officer
- ICON, Senior Software Engineer
- Industape, Deputy Director
- Innovent Biologics, Principal Scientist
- Instructure, Software Engineer
- Insulet Corporation, Associate Test Engineer
- Integrated Process Systems, Automation Engineer
- Intuit, Marketing Director
- InTune Software, Software Engineer
- JackTrip, Senior Software Engineer
- Jane Street, Software Developer
- JP Morgan, Software Engineer
- KCS (Koch Industries), Tax Technology Manager
- Lazard, Data Science
- Lime, Software Engineer
- LinkedIn, Staff TPM
- Luup, Inc., Chief Data Strategy Officer
- Manhattan High School for Girls, Computer Science Teacher
- Mastercard, Technical Program Manager
- Mastercard, Software Development Engineer
- McMaster-Carr, Project Manager
- Meta, Product Manager
- Meta, Sr. Science Manager
- Meta, Software Engineer
- Microsoft, Software Engineer II
- Microsoft, Software Engineer
- Millenium, Analyst
- Millenium, Risk Analyst
- Molecula, Software Engineer
- Municipality, Data Analyst
- Nike, Inc, Senior Machine Learning Engineer
- Nuro, Software Engineering
- Oracle, Software Engineer
- PagerDuty, Data Scientist I
- Palantir, Software Engineer
- Palantir, Forward Deployed Software Engineer
- Palo Alto Networks, Staff Software Engineer
- Pebblepost, Software Engineer
- PIMCO, Vice President, Quant Analyst
- Prospera, Economist
- Robert A.M. Stern Architects, LLP, Architect
- Roblox, Software Engineer

- Rocket Mortgage, Software Engineer
- Route, Jr. Software Engineer
- RSM, Solutions Engineering Manager
- Salesforce, AMTS
- Savvas, Associate Software Development Engineer
- Seamoney, Product Manager
- Shipyard, Solution Integration Engineer
- Shopee, Senior Associate
- SimliSafe, Software Engineer
- Sixth Street Partners, Vice President
- Soundable Health, Data Scientist
- Spectrum Labs, Implementation Engineer
- Spiceworks Inc, Data Engineer II
- Stash, Software Engineer
- Stripe, Software Engineer
- Stripe, Software Engineer
- StudyDuck!, Co-Founder/CTO
- Sumitomo Mitsui Banking Corporation, Software Engineer
- Tailorbird, Staff Software Engineer
- The Boeing Company, System Engineer
- The New York Times, Manager, Data & Insights
- The Walt Disney Company, Software Engineer
- Thumbtack, Software Engineer
- Trayt.Health, Director of Product
- Truveta, Data Engineer
- Truveta, Software Engineer II
- UBS AG, Software Engineer
- United Health Group, Software Engineer Associate
- University of Adelaide, Associate Professor
- University of Minnesota Surgery Clinical Trials Office, Clinical Research Coordinator
- University of Pennsylvania, Learning Experience Engineer
- University of Pennsylvania, Graduate Research Assistant- Machine Learning
- Vanguard, Software Developer
- Vannevar Labs, GTM Operations Engineer
- Verily Life Science, Software Engineer
- VSP Vision, Software Engineer I
- Walmart Global Technology, Software Engineer II
- Wasteling, Software Developer
- West Suffolk NHS Foundation Trust, Doctor

