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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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
  Pharma Solution
- 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**

**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)

**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
$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.

Job Offer Source

93 RESPONSES
## EMPLOYMENT BY INDUSTRY

116 Responses

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

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

<table>
<thead>
<tr>
<th>Job Function</th>
<th>Reporting</th>
<th>Average</th>
<th>Range (low)</th>
<th>Range (high)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consulting: Management Consulting</td>
<td>3</td>
<td>$104,667</td>
<td>$59,000</td>
<td>$165,000</td>
</tr>
<tr>
<td>Engineering</td>
<td>4</td>
<td>$162,200</td>
<td>$129,000</td>
<td>$226,000</td>
</tr>
<tr>
<td>Financial Services: Diversified</td>
<td>5</td>
<td>$110,800</td>
<td>$85,000</td>
<td>$154,000</td>
</tr>
<tr>
<td>Financial Services: Investment Banking</td>
<td>3</td>
<td>$111,667</td>
<td>$80,000</td>
<td>$135,000</td>
</tr>
<tr>
<td>Technology</td>
<td>27</td>
<td>$140,333</td>
<td>$60,000</td>
<td>$274,000</td>
</tr>
</tbody>
</table>
NEW EMPLOYMENT: SALARIES BY JOB FUNCTION

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

<table>
<thead>
<tr>
<th>Job Function</th>
<th>Reporting</th>
<th>Average</th>
<th>Range (low)</th>
<th>Range (high)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data and Analytic</td>
<td>8</td>
<td>$114,250</td>
<td>$70,000</td>
<td>$180,000</td>
</tr>
<tr>
<td>Information Technology</td>
<td>4</td>
<td>$101,250</td>
<td>$80,000</td>
<td>$120,000</td>
</tr>
<tr>
<td>Software Engineer/Developer</td>
<td>39</td>
<td>$133,564</td>
<td>$59,000</td>
<td>$274,000</td>
</tr>
</tbody>
</table>

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
### Signing Bonuses Received

- **$6,000 - $10,000**: 8 graduates
- **$10,001 - $20,000**: 4 graduates
- **$20,001 - $30,000**: 2 graduates
- **$30,001 - $40,000**: 2 graduates
- **$40,001 - $50,000**: 1 graduate
- **$50,001 - $60,000**: 1 graduate

Average Signing Bonus: **$22,750**

### Additional Income Streams

- **Stock Options**: 32 graduates
- **Relocation**: 17 graduates
- **Visa Sponsorship**: 15 graduates
- **Other**: 8 graduates

### 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
- Allyve 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
- CitiuTech, 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
- 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
Striped, 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
Wastelinq, Software Developer
West Suffolk NHS Foundation Trust, Doctor