



**Penn
Engineering**
UNIVERSITY of PENNSYLVANIA

Online
Education

Career Outcomes Report

SCHOOL OF ENGINEERING & APPLIED SCIENCE,
ONLINE MASTER'S DEGREE CANDIDATES

NOVEMBER 2025



Methodology

Career Services at the University of Pennsylvania annually surveys graduating students to provide a snapshot of their post-graduation plans. This is the fifth complete report of the Master of Computer and Information Technology Online program which looks at 493 graduates who received their degrees between August 2024 and May 2025.

As of November 26, 2025 the survey has produced a 50% knowledge rate. Additional information was collected via LinkedIn and other sources, bringing the knowledge rate up to 85%, a total of 421 known graduate outcomes.



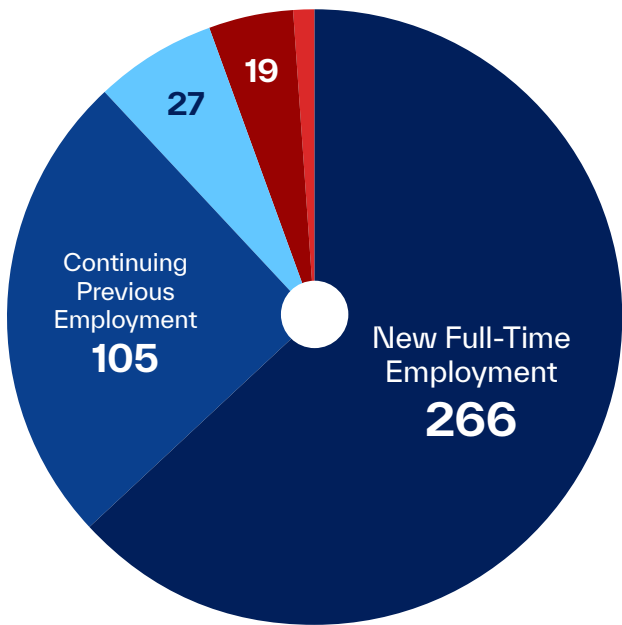
Table of Contents

Post-Graduation Plans.....	3	Employment by Location: International	5
New Employment Data.....	3	Salary Data	6
Employment by Industry.....	4	Other Forms of Income	6
Employment by Job Function.....	4	New Employment Data: Salaries	7
New Employment: Job Offer Source	4	Continuing Education.....	7
Employment by Location: USA.....	5	Employers & Job Titles	8

Post-Graduation Plans

(of 421 known outcomes)

93% of graduates with a known outcome were working full time or continuing their education after graduation.



- New Full-Time Employment: 266
- Continuing Previous Employment: 105
- Actively Seeking Employment: 27
- Continuing Education: 19
- Other: 4



New Employment Data

The following information reflects the experiences of students who reported finding new employment during or less than 6 months 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.

TOP EMPLOYERS AND NUMBER OF RESPONDENTS WORKING AT SAID COMPANY:

7 **amazon**

3 **Google**

2 **COMCAST**

2 **LOCKHEED MARTIN**

2 **nationalgrid**

2 **nVIDIA.**

2 **ORACLE**

2 **pwc**

2 **RBC**

2 **M UNIVERSITY OF MICHIGAN**

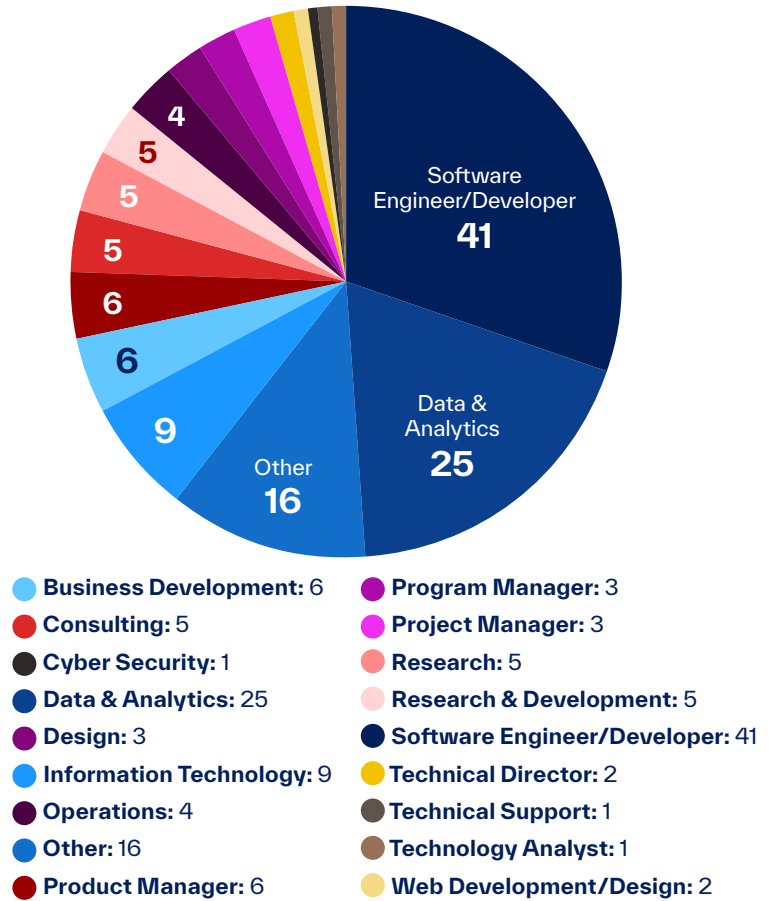
Employment by Industry

(138 responses)

INDUSTRY	NUMBER EMPLOYED
Accounting	1
Aerospace	3
Automotive	2
Chemicals / Gases	1
Consulting: Non-Profit / Government	2
Consulting: Other	2
Consumer Products	1
Education: Elementary / Secondary Education	2
Education: Higher Education - Non-Research	3
Education: Higher Education - Research Lab	4
Education: Other	3
Electronics / Robotics	1
Energy / Natural Resources / Utilities	3
Engineering	6
Financial Services: Diversified Financial Services (Including Commercial / Retail Banking)	11
Financial Services: Hedge Fund	2
Financial Services: Investment Banking / Brokerage	2
Financial Services: Investment Management / Counsel	4
Financial Services: Private Equity	3
Government: Federal Government	1
Government: Other	2
Healthcare: Community / Public Health Center	1
Healthcare: Hospital	4
Insurance	2
Legal Services	1
Manufacturing	3
Marketing / Advertising / Public Relations	1
Media / Journalism / Entertainment	1
Nonprofit: Public Interest / Advocacy	1
Nonprofit: Social Services	1
Other	6
Pharmaceuticals / Biotechnology	4
Retail / Wholesale	2
Technology	50
Transportation	2

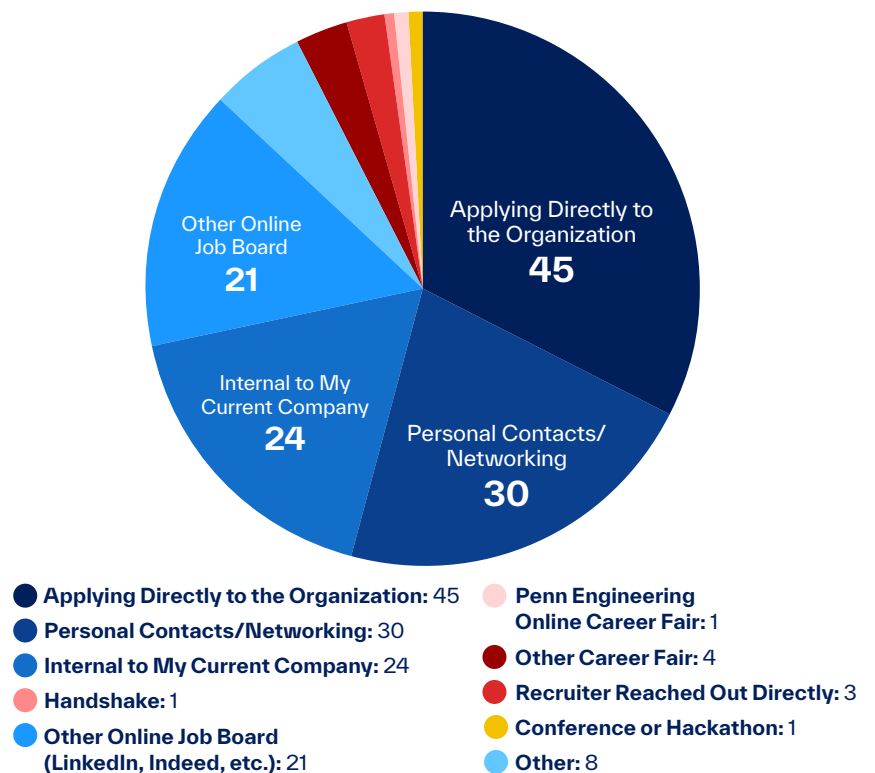
Employment by Job Function

(138 responses)

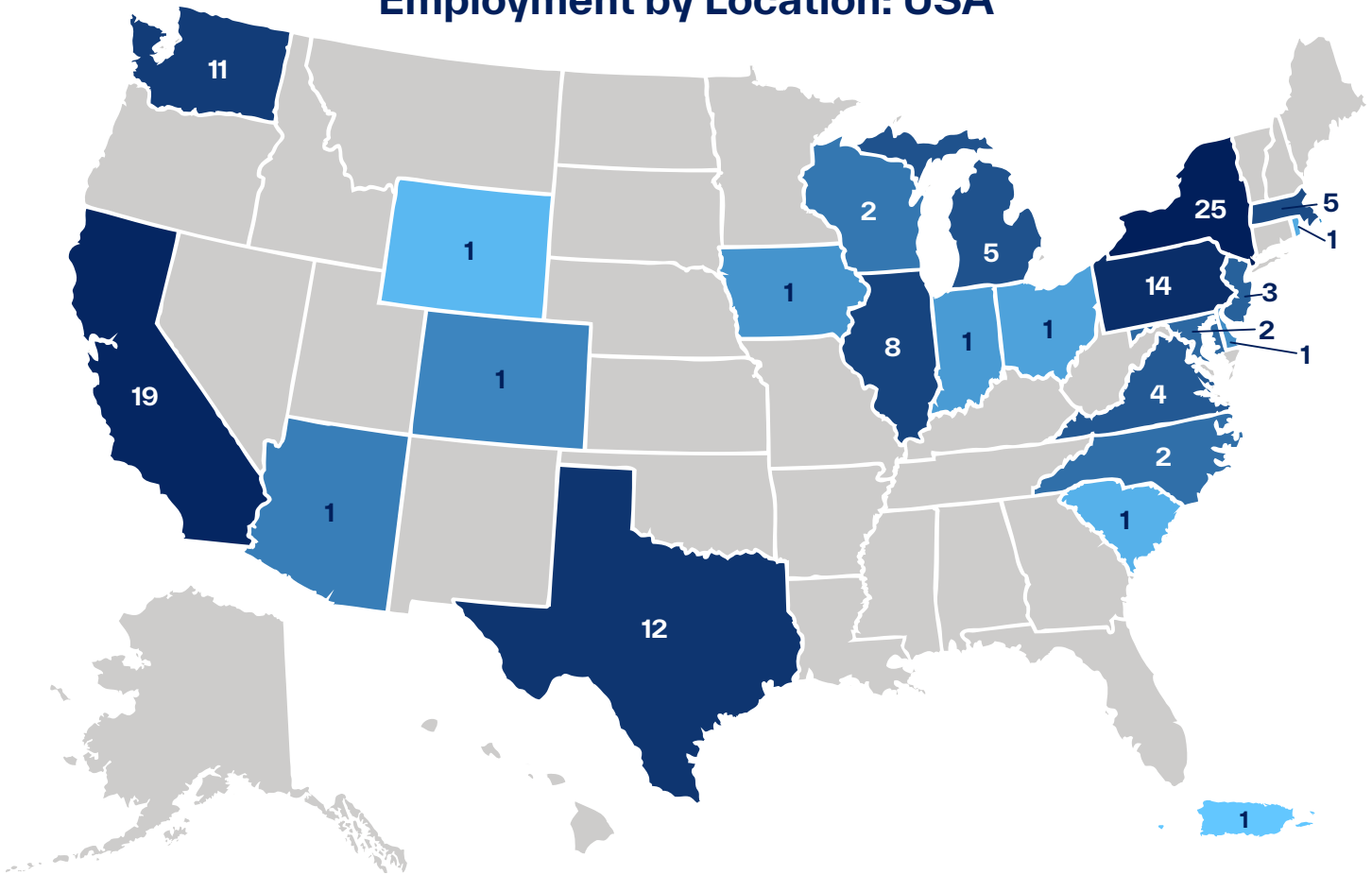


New Employment: Job Offer Source












(138 responses)



Employment by Location: USA



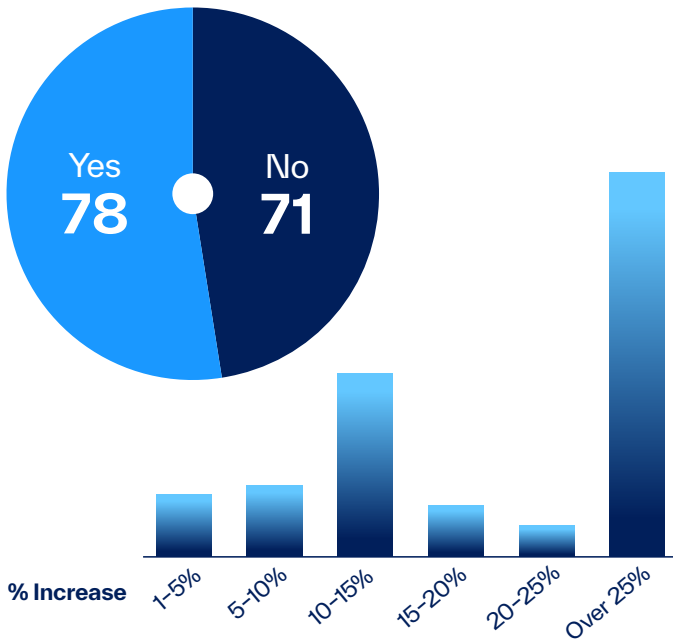
Employment by Location: International

	Canada	8
	China	4
	Hong Kong	4
	United Kingdom	3
	Bahamas	1
	Denmark	1
	Japan	1
	Luxembourg	1
	Mexico	1
	Poland	1
	Singapore	1
	Spain	1



Did your salary increase after completing the Penn Engineering Online program either within your current role or with a new position?

(149 responses)



New Employment: Salary Data

The following salary data on this page and the next reflects graduates employed full-time in the U.S. who shared that they found new employment since graduating from MCIT Online. (109 responses)

AVERAGE

\$141,696

MEDIAN

\$120,696

RANGE

**\$50,000
TO
\$600,000**

New Employment: Other Forms of Income

(New, U.S.)

- Relocation: 20
- Signing Bonus: 27
 - Average: \$6,750
 - Range: \$2,000–\$14,000
- Stock Options: 26
- Visa Sponsorship: 14
- Other: 12
 - Annual Bonus: 2
 - Tuition Reimbursement: 2
 - RSU: 1
 - Crypto Tokens: 1
- No Additional Compensation: 36





New Employment: Salaries by Job Function *(New, U.S.)*

JOB FUNCTION	REPORTING	AVERAGE	MEDIAN	RANGE (low)	RANGE (high)
Business Development	5	\$110,800	\$95,000	\$80,000	\$150,000
Consulting	5	\$117,500	\$115,000	\$70,000	\$170,000
Data and Analytics	17	\$153,563	\$145,000	\$60,000	\$300,000
Information Technology	6	\$194,667	\$97,500	\$86,000	\$600,000
Operations	4	\$151,850	\$107,500	\$65,000	\$330,000
Other	6	\$142,833	\$135,000	\$100,000	\$202,000
Product Manager	4	\$149,500	\$97,000	\$54,000	\$350,000
Project Manager	3	\$98,333	\$115,000	\$60,000	\$120,000
Research	4	\$120,252	\$100,504	\$50,000	\$230,000
Software Engineer/ Developer	33	\$142,591	\$125,000	\$55,000	\$430,000

Fewer than 3 reported salaries not published to maintain confidentiality.

New Employment: Salaries by Job Industry *(New, U.S.)*

INDUSTRY	REPORTING	AVERAGE	MEDIAN	RANGE (low)	RANGE (high)
Education: Higher Education - Research Lab	4	\$80,252	\$65,504	\$50,000	\$140,000
Education: Other	3	\$126,333	\$101,000	\$68,000	\$210,000
Energy / Natural Resources / Utilites	3	\$122,333	\$120,000	\$97,000	\$150,000
Engineering	4	\$91,000	\$82,000	\$80,000	\$120,000
Financial Services: Diversified	6	\$184,667	\$100,000	\$78,000	\$600,000
Financial Services: Investment Management / Counsel	3	\$186,667	\$170,000	\$145,000	\$245,000
Healthcare: Hospital	4	\$128,000	\$111,500	\$87,000	\$202,000
Other	4	\$124,625	\$116,750	\$65,000	\$200,000
Technology	37	\$164,605	\$150,000	\$62,400	\$430,000

Fewer than 3 reported salaries not published to maintain confidentiality.



Continuing Education

- University of Pennsylvania, Master of Science in Engineering, Artificial Intelligence Online: **6**
- University of Pennsylvania, Master of Science in Engineering, Data Science Online: **1**
- University of Pennsylvania, PhD, Computer and Information Science: **1**

EMPLOYERS & JOB TITLES

Academic Programs International, Senior Director of Data Science

Accenture, Business Architecture Senior Analyst

Adobe, Software Engineer

Affirm, Software Engineer

Air Products, Software Applications Lead

Amazon, Software Development Engineer I

Amazon, Software Engineer

Amazon, Software Engineer

Amazon, Vendor Manager

Amazon, Software Engineer

Amazon, Software Development Engineer

Amazon, Software Development Engineer

Amica Insurance, Senior Business Intelligence Manager

Apple, Senior Data Engineer

Arthur J. Gallagher & Co, Technology Advisor

Astorg, Investment Manager

AT&T, Principal Financial Analyst

Audible, Software Development Engineer

Autodesk, Senior UX Designer

BCG, Global Leader for Cyber and Digital Risk

BIG Games, Software Engineer/Game Developer

Boeing, Data Scientist/Engineer

Boston Dynamics, Technical Trainer - Spot

Brigham and Women's Hospital, Assistant Professor

Broadridge Financial Solutions, Director of Technical Support

C3 AI, Data Scientist

Capital One, Software Development Engineer Associate

Care.com, Senior Software Engineer

Citi, VP Global Lending Operations Reporting and Analytics

Coinbase, Data Analyst

Columbia Threadneedle Investments, Cloud Engineer

Comcast, Lead Automation and Technology Analyst

Comcast, Executive Director, Platforms Ops and Management

Constellation Energy, Principal Quantitative Analyst

CSCI, Senior Systems Data Analyst

CTFE, Vice President

CVS Health, Data Scientist

Danfoss, Business Development Manager

Databricks, Senior Solutions Consultant

Datavant, Data Scientist

Davis Wright Tremaine, Patent Agent

Democratic Data Exchange, Senior Software Engineer

DISCO, Software Engineer

DoorDash, Senior Associate, Strategy & Operations

Dropbox, Senior Software Engineer II

Ellington Management Group, Director

Elsevier, Senior Data Analyst

EMSYS Design, Software Engineer

EQT Exeter, VP of Asset Management

Esri, Internationalization Engineer

Expedia, iOS Developer II

Fast Enterprises, Consultant

Federal Reserve Board of Governors, Technology Analyst

EMPLOYERS & JOB TITLES

Flock Safety, Machine Learning Engineer
French International School, IT Technician
GE HealthCare, Senior Software Engineer
GEICO, TDP Software Engineer I
Genentech, Scientist
GitRoll, Inc., Co-founder & COO
Google, Cloud Consultant
Google, Staff Quantitative UX Researcher
Google, Customer Engineer
Howard Stein Hudson, Software Engineer
Hypergem Corporation Limited, CFO
Hyundai's Venture Investments,
Venture Capitalist
IBM, Firmware Engineer
Intapp, QA Software Engineer
Jcrew, Backend Engineer
JP Morgan, Creative Technologist
KPMG, Senior Management Consultant
Lenovo, IT Manager
Lingfeng Capital, Executive Director
Loblaw Digital, Full Stack Developer
Lockheed Martin, Software Engineer
Lockheed Martin, Software Engineer
Mathematica, IT Project/Product Manager
May Mobility, Software Engineer
MESPAS A.G., Middle Software Engineer
Meta, Software Engineer
Meta Platforms, Software Engineer
Microsoft, Software Development Engineer
Monroe Capital, Vice President
Morgan Stanley, Associate

MSK, Software Engineer
N/A, Vice President of Revenue Operations
NASDAQ, Senior Financial Engineer
National Grid, Software Engineer
National Grid, Associate Analyst,
Robotic Process Automation
National University of Singapore, Senior
Associate Director
Nex, Supply Chain & Fulfillment
Northrop Grumman, Embedded Software
Engineer
Northwestern Mutual, Technical Program
Manager
NVIDIA, Senior Technical Product Manager
NVIDIA, Software Engineer
OKX, Staff Product Data Scientist
OKX, Security Engineer
Outsourcing Technology, IT Engineer
Oxy, Senior Operations Data Analyst
Parkland Health, Medical Technologist
PenFed Credit Union, Lead Data Scientist
PNC, Software Engineer
Prescient Edge Corporation, Junior Software
Engineer
PwC, Consulting Manager
PwC, Manager
Qualtrics, Software Engineer
QuantRes, Execution Analyst
Ribbon Health, Data Solutions Manager
Rocket Mortgage, Principal Data Analyst
Royal Bank of Canada, Associate Director, Credit
Modelling and Methodology
Royal Bank of Canada, Senior Data Scientist

EMPLOYERS & JOB TITLES

Sanofi, Senior Data Architect

SHEIN Technologies, Data Engineer

SLB, Project Planning Lead Engineer

Spectrio LLC, DevOps Engineer

Splunk, Principal Product Manager

Stanford Health Care, Software Engineer

Stanford University, Lab Manager

Stripe, Software Engineer

TD SYNnex, Data Scientist

The Corradino Group, Data Science Engineer

The Hong Kong Jockey Club, Senior Engineer

The LEGO Group, Decoration Engineer

The Ohio State University Wexner Medical Center, Associate Professor

The Trade Group, Financial Analyst

Thermo Fisher Scientific,
Sales Representative

TheSEA, Founding Designer

Thumbtack, Senior Accounting Manager

TikTok, Software Development Engineer

TikTok, Software Engineer in Test

Tinder, Product Manager

Tripadvisor, Analytics Manager

Triplebar Bio, Research Associate

Truveta, Software Engineer

UBS, Data Engineer

Ultra Maritime, Finance Manager

Uniswap Labs, Senior Data Scientist

United Nations, Data Scientist

University of Illinois Chicago,
Research Assistant

University of Michigan, Business
Systems Analyst

University of Michigan, Instructional Aide

University of Wyoming School of Energy Resources, Research Scientist

UTHealth Houston, Postdoctoral
Research Fellow

UTHealth Houston, Project Specialist

Vanguard, Application Engineer

Vanguard Group, Application Engineer

Visa, Business Intelligence and
Program Manager

Warner Bros. Discovery, Product Manager

Wix, Customer Success Manager

WSP, Consultant Architect

YMHC Charitable Foundation, CIO

Zema Global, Data Operations Analyst

1m, Frontend Developer

