

BACHELORS COMPUTER SCIENCE

TOP INDUSTRIES

1. Software & Computer Services
2. Financials
3. Retail
4. Technology Hardware & Equipment
5. Consulting

SAMPLE JOB TITLES

- Associate Product Manager
- Back End Developer
- Cloud Infrastructure Engineer
- Cyber Security Engr.
- Deep Learning Software Engineer
- Full Stack Developer
- Perception Engineer
- Program Manager
- Quant Trader
- Software Engineer
- Solutions Engineering Analyst
- Technology Analyst

TOP HIRING COMPANIES



SAMPLE HIRING COMPANIES

- Affirm
- Apple
- Bank of America
- Boeing
- Caterpillar
- Charles Schwab
- Chicago Trading Co.
- Cisco
- Citadel
- Coinbase
- Consumers Energy
- Datadog
- DraftKings
- eBay
- Epic
- Expedia
- ExtraHop
- EY
- General Motors
- Goldman Sachs
- Grainger
- HubSpot
- IMC Trading
- Intel
- KLA
- Lockheed Martin
- Lyft
- NCR Corporation
- Northrop Grumman
- NVIDIA
- Oracle
- Otis Elevator
- Palantir Technologies
- Procter & Gamble
- Publicis Sapient
- Roblox
- Salesforce
- ServiceNow
- SpaceX
- Stryker
- Target
- Uber
- Walmart
- Wolverine Trading
- Zoom

FULL TIME ANNUAL SALARY

Average: \$116,747

Min	Median	Max
\$60,000	\$121,000	\$215,000

INTERN MONTHLY SALARY

Average: \$7,119

Min	Median	Max
\$2,427	\$7,453	\$16,640

Data above are from 2021-2022.
Visit career.engin.umich.edu/career/salary-info for more comprehensive data.

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SAMPLE ELEVATOR PITCH

Hi, my name is [NAME] and I am currently a [year in school] studying computer science at the University of Michigan.

I am currently enrolled in Data Structures and Algorithms, in which I have been introduced to priority queues. I have implemented priority queues in many different ways, such as with a linked-list and a binary tree. After implementing my own priority queues, I worked with them by creating a Zombie defense game.

On campus, I'm involved in the Society of Women Engineers as an outreach officer where I connect with young girls to introduce them to the concepts of engineering.

What interested me about your position is that I see it as a way to continue the growth of not only my technical skills, but also my communication skills, and I would love for you to tell me more about your opportunities.

SAMPLE IMPACT STATEMENT

Before - Wrote an API to make requests from the database

After - Coded an API using Python for users to post comments, retrieve other users that match certain criteria, and obtain posts in the most recent order

KEY COURSES

EECS 281 - Data Structures & Algorithms; required for almost all upper-level EECS courses; intro to algorithm analysis and O-notation; several programming assignments. *Prerequisites: EECS 203 & EECS 280*

EECS 400 level classes - Commonly referred to as upper levels, allows you to focus on further computer science development, such as Computer Security, Web Systems, Artificial Intelligence, and more.

Major Design Experience (MDE) - Typically taken in the last year of CSE degree, this class allows you to focus even further on one topic in computer science by completing a course long project with a group.

KEY SKILLS

C/C++, Java, Python-coding languages

Javascript -Programming language used to make web pages interactive

Agile methodology - Type of project management process

Optimization-recognizing runtime and space complexity of an algorithm that you/someone else has written

SAMPLE EXTRACURRICULARS

AborHacks

Wolverine Soft

HackBlue

Michigan Hackers

Eta Kappa Nu - Honor Society

Michigan Student Artificial Intelligence Laboratory (MSAIL)

Girls in EECS (GEECS)

Design Teams - STARX, Michigan Autonomous Aerial Vehicles, M-Fly, Michigan Data Science Team

