

ESHAN JAIN

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EDUCATION

University of Michigan (GPA 3.87/4.0)

Ann Arbor, MI

Bachelor of Science and Engineering in Computer Science, Minor in Statistics

August 2020 – April 2024

Awards: James B. Angell Scholar, University Honors (4x)

Coursework: Data Structures and Algorithms, Web Systems, Computer Security, Operating Systems, Computer Architecture, Linear Algebra, Differential Equations

Clubs: Michigan Data Science Team, Michigan Hackers, Indian American Student Association

Homestead High (GPA 4.4/4.0)

Cupertino, CA

High School Diploma

August 2016 – June 2020

Awards: AP Scholar with Distinction (2x), Seal of Billiteracy (Spanish)

EXPERIENCE

Software Engineering Intern

May 2022 – August 2022

Cisco/Duo Security

San Jose, CA

- Developed a Python scraper to filter old versions of ChromeOS and set baseline threshold version for support
- Added desktop token functionality into Duo's MacOS app to save desktop session and reduce number of MFA pushes to users
- Integrated new parameter, client hints headers, during authentication cycle to collect information about user's device to better assist admins to set policy
- Committed 500+ lines of new code and unit tests to existing codebase, pushed changes into production

Computer Salesman

May 2021 – August 2021

Best Buy

Sunnyvale, CA

- Sold over \$100k worth of products, became the second highest grossing employee in the entire store
- Engaged with customers and provided insightful recommendations to meet customers' needs
- Handled register responsibilities such as checkout, returns, exchanges and online orders
- Maintained merchandising and ensured department was clean and fully stocked

Software Engineering Intern

June 2019 – August 2019

Instart Logic/Akamai

Palo Alto, CA

- Verified Instart's application's effectiveness across various browsers and operating systems
- Automated software delivery process to customers including PetSmart and Neiman Marcus
- Discovered and filed bugs, and worked closely with the Engineering team to resolve issues
- Organized testing database to make it easier for executive team to read and interpret reports

PROJECTS

stockr | Django, Python, Bootstrap, sqlite, JavaScript

- Created social media website for posting stock trades, uses API calls to display graphs of stock over specified time
- Developed interactive views to manage overall stock portfolio, search for posts, and update account information
- Implemented REST API for content delivery and Bootstrap for front-end styling

Sonderfye | PHP, Google Cloud Platform, HTML, CSS

- Developed front-end and back-end code for automated, instantaneous website creation platform
- Utilized Google Cloud Platform for web storage capabilities and Firebase for database queries

ImageResizer | C++ , Object Oriented Programming, Computer Vision, Command Line Interface

- Used principles of OOP to design program that resizes images utilizing a seam carving algorithm to remove strategic pixels and keep image proportions
- Converted image into a matrix of pixels, computed minimum vertical seam to resize image into desired aspect ratio

TECHNICAL SKILLS

Languages: Python, C, C++, SQL, JavaScript, Swift, HTML, CSS, R, Java, Golang

Frameworks: React, Flask, Django, Node.js, Bootstrap

Developer Tools: Git, VS Code, AWS, Docker, GCP, Eclipse, Kubernetes

Libraries: pandas, NumPy, Matplotlib, Seaborn, NLTK, TensorFlow