Pulkit Mahajan

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EDUCATION

Bachelors of Science, Electrical and Computer Engineering, May 2022

The University of Texas at Austin - Current Junior

Coursework: Data Science Lab, Computer Architecture, Algorithms, Probability, Discrete Math, Software Design and Implementation (I & II),

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EXPERIENCE

IBM - Cloud and Cognitive Developer *(06/20 - 12/20)*
- Rewrote import/export/backup/restore utilities used for migrating data on CloudPak4Data
- Automated user generation and data validation via Ansible Notebooks
- Automated testing with Go and Pytest

Zineone - NodeJS ProductDev Intern *(06/19 - 08/19)*
- Built asynchronous Node.js connector service
- Collected ZineOne customer data from sources including AWS S3, Azure, GCP, FTP/SFTP
- Founding member of ZineOne's Infosec team
- Developed proprietary scripts in order to remotely manage company issued hardware.

Nomad - CTO and Cofounder *(06/16 - 08/18)*
- Implemented full tech stack used in powering Nomad service
- Integrated YOLO neural network in order to classify objects, and query database for matching results
- Completed the Angelhack Hackcelerator as Top 14 finalist

BirdEye - Web Development Intern *(06/17 - 08/17)*
- Redesigned web modules used to attract potential clients
- Worked on redesign of company's internal billing app
- Overhauled web templates used for internal company use

Computer Science Teacher *(06/15 - 08/18)*
- Developed curriculum to teach kids K-12 basic programming concepts and technologies
- created tracks using Scratch, Python, Java, and HTML.
- Helped SRVUSD come up with new computer literacy guidelines for students and staff.

PROJECTS

V2 - Bullet Hell game for iOS and Android in which the player faces a never ending horde of enemies. Challenged myself to develop, design, and release game to both platforms within 1 week.

Seed: 3 Minutes can change your life - Co-starred in documentary about startups trying to receive seed money. Participated in local hackathon and won a wildcard spot to a global tech accelerator.

SKILLS

- Responsive Web Development
- Bash/Shell Scripting/Automation
- Java, C/C++/C#, Python, Go
- Machine Learning with PyTorch, TensorFlow

HONORS AND AWARDS

Best App - CodeDay Bay Area 2016

Best Overall App - AT&T Hackathon Public Safety Hackathon

Second Place - Angel Hacks SV 2016

Most Useful App - PubNub 2015 Hackathon

Most Entrepreneurial - CodeDay Bay Area 2015

Best use of Webrtc - AT&T Hackathon Public Safety Hackathon