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Summary

Hardworking and goal-oriented full-stack developer seeking to improve technical and professional skills through a fall 2020 software engineering internship. Experience with web/mobile development, cloud integration, design-thinking, and Agile.

Education

Georgia Institute of Technology   August 2017 – May 2021 (Projected)

Atlanta, Georgia   BS – Computer Science (Threads: AI, Devices)

- GPA: 3.39 (Dean's List)
- Relevant coursework: AI, Algorithms, Data Structures, Objects and Design (Android Application Development)
- Current coursework: Computer Architecture, Digital Design, Machine Learning, Junior Design, Perception and Robotics
- Working at on-campus recreation center

Universidad Carlos III de Madrid   January 2019 – May 2019

Madrid, Spain

- Relevant coursework: Combinatorics, Probability/Statistics

Experience

IBM Security / Full-Stack Software Development Intern   June 2019 – August 2019

Atlanta, Georgia

- Lead architect and developer for a **React/Node.JS** web application using **Draft.js** (a rich-text framework) replacing IBM's X-Force Threat Analysis Service's daily notification system; application creates collections based on inputted information and sends it to various endpoints such as IBM Security Stream and X-Force Exchange.
- Developed a **Python** program using cloud functions that automatically queries Shodan's database for various devices connected to IPs, ASNs, or organizations; parses resulting **JSON** into CSV reports detailing changes from previous week and sends reports to specified security information analysts via automated email
- Submitted a patent based on VR and social anxieties

Gilead Sciences / IT Security Intern   May 2018 – August 2018

Foster City, California

- Developed a **PowerShell** script that eases use of VMWare VRNI environment (ex. Established access with **REST API**, created search function to return server information in **JSON** format)
- Field-tested a flash drive encryption system from potential vendor; documented findings and presented during staff meeting; directly collaborated with Gilead and vendor sales teams
- Designed visuals in Tableau showing status of micro-segmentation implementation across Gilead servers, traffic flows between servers, and password security compliance

Projects

She Got It (Collaboration with WarnerMedia)   Ionic, Angular

- Professional social media platform for women working in WarnerMedia's sports division
- Conducted research on potential users in WarnerMedia and athletics
- Cross-platform; written with **Ionic/Angular** on the front-end, **Node.JS** on the backend, and **MongoDB** and **AWS** for data/media storage

Screener Focus   React

- **React/Node.JS** application using **Google Cloud's Vision API** and **Chart.JS** meant to help automate focus groups and user testing of various media; completed at HackGT 2019
- Application takes pictures of user watching a video at predetermined intervals, then runs pictures through Vision API and detects emotion at each timestamp; emotions are plotted against expected values and average values of previous users

Skills

Programming

- Front-End: React, JavaScript, Ionic, Angular, TypeScript, HTML/CSS
- Back-End: Python, Node.js, Java
- Miscellaneous: Swift, Android, SQL, NumPy, Scikit-learn, PowerShell, Unix/Command Prompt

Development Tools

- Cloud Services: IBM Cloud, Google Cloud, AWS (S3, EC2)
- Miscellaneous: RESTFul APIs, Docker, Git, VSCode, jUnits, Figma, Windows/MacOS/Linux

Management

- Agile, Scrum, Trello, JIRA, Microsoft Office Suite, Draw.io