Mark **Freeman**

Hoboken, New Jersey

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Education

Stevens Institute of Technology   **Hoboken, NJ**
Bachelor of Engineering in Software Engineering, Minor in Finance   May 2020
GPA : 3.79

Honors : Grow with Google Scholar, Innovation and Entrepreneurship Scholar, Stevens Presidential Scholarship, Dean's List, Venture Hacks Fall 2016 and Spring 2017 hackathon winner, Venture Hacks Fall 2017 speaker, Venture Hacks 2018 director
Activities : Teaching Assistant - Intro to Programming, Venture Hacks, Attila's Entrepreneurs, Stevens Venture Center

Experience

Prudential Financial Inc.   **Newark, NJ**
Enterprise Architecture Intern   06/18 - 12/18
· Developed API proxies in Apigee for enforcing policies on inbound and outbound traffic through various applications
· Ported certain proxies from Apigee to AWS to contrast development techniques and limitations of each environment
· Automated a series of internal form workflows using an API backend developed with Java SMTP clients and AWS Lambda
· Implemented information extraction from X.509 certificates for mutual authentication using Java, Python, and JavaScript

Willkie Farr & Gallagher LLP   **New York, NY**
Application Development Intern   02/18 - 06/18
· Developed cross-platform expense reporting application using Kony Visualizer to automate 1,500 monthly expense reports
· Researched and implemented image segmentation for receipt image splitting using Python, Scikit-Learn, and Flask
· Communicated project progress and expectations with full stack development team and product owner using Agile

Vaco LLC   **Hoboken, NJ**
Google Cloud Student Innovator for Vaco at Google   10/17 - 02/18
· Collaborated with Google to bring cloud technologies such as compute and serverless to campus
· Led multiple campus-wide events such as tech talks and live demos to collect information for improving Google products
· Held weekly office hours open to all students and faculty for personal, hands-on mentorship in cloud technology

Caring Friends (Startup)   **Hoboken, NJ**
Co-Founder & Android Developer   10/16 - 10/17
· Communicated project goals, deadlines, and expectations with senior entrepreneurial lead and graphic designer
· Helped lead startup business efforts such as conducting 70+ customer research interviews in areas around Hoboken
· Architected, developed, and deployed Android application with AWS and Firebase for use by employees

Innovation and Entrepreneurship Research Program   **Hoboken, NJ**
Android Researcher   5/17 - 8/17
· Developed Android library aimed at assisting early-stage startup teams with Android networking with low investment
· Reported weekly progress to academic advisor in entrepreneurship, both orally and in written format
· Led customer research interviews to gain knowledge of problems facing startup teams in terms of data acquisition

Skills

Operating Systems : Linux (Debian & CentOS) / UNIX, Windows 7 / 10, Android
Software : Amazon Web Services, Android Studio, Apigee, Node.js, React.js, Express.js, Git / Github, Travis CI, PyTest, Jest, shell, VirtualBox, package managers, Jupyter Notebook, Eclipse, Firebase, Bootstrap, Flask, Django
Concepts : Data structures, algorithms, APIs, HTTP, OAuth, Big-O analysis, Agile development, continuous integration, testing
Languages : JavaScript (ES6), Python, Java, C++, Bash, HTML, CSS, JSON, YAML, XML
Certifications : CompTIA A+, Udacity Android Basics in partnership with Google, studying for AWS CSD & CSA