

Alex Supkay

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OBJECTIVE

To obtain a full-time position where I can utilize my expertise in project management and software development.

EDUCATION

Stevens Institute of Technology, Hoboken, NJ

Master of Science in Software Engineering, **GPA 4.0**

Expected May 2019

Bachelor of Science in Computer Science, Minor in Entrepreneurship, **GPA 3.64**

Expected May 2019

Coursework: Software Engineering, Web Programming I & II, Database Management Systems, Agile Methods for Software Development, Concurrent Programming, Systems Programming, Entrepreneurial Thinking, Enterprise Software Architecture & Design, IT Security

Honors: Edwin A. Stevens Scholarship, Dean's List

SKILLS

Languages and Web Technologies: Node.js, MongoDB, JavaScript, Python, Flask, React, Redis, Socket.io, HTML5, CSS, Java, C++, C#, C, Bash, Erlang, Scheme, XML, LaTeX, jQuery, Ruby, PHP, SQL

Tools: Google Cloud Platform, Amazon Web Services, Git, Vim, Android Studio, Unity, Microsoft Word

Operating Systems: Linux, Windows

TECHNICAL EXPERIENCE

Tummy, LLC, Hoboken NJ

March 2018 - Present

Software Engineer

- Developed the backend of a mobile food finding app using Node.js and MongoDB to create an API.
- Forwarded login of the app to the server to control user data in a central location, with the goal of running analytics in the future.
- Deployed the app to AWS (Amazon Web Services) EC2 (Elastic Cloud Compute) using NGINX as a reverse proxy, and implemented a SSL (Secure Socket Layer) certification, using Let's Encrypt for a domain pointing to a static IP on Route 53.
- Accessed the Google Places API to extract restaurant information based on location, distance, maximum price, minimum rating, and whether the location was open or not.

Turbo 360, Hoboken NJ

Oct 2017 – Present

Full Stack Developer

- Developed a serverless function in Node.js to hit APIs of bitcoin exchanges and return price statistics.
- Adapted bootstrap templates to the Turbo 360 platform by adding a backend and customizing it for different businesses.
- Communicated with users of the platform to gather feature requests and requirements.

JPMorgan Chase & Co., Jersey City, NJ

Jun – Aug 2018

Software Engineer Intern

- Worked on a DevOps team to automate processes and operated in a mindset of streamlining repetitive tasks.
- Used Python Flask to create web front ends for users to utilize self-service for private company processes.
- Created and deployed confidential applications to the cloud to make tools widely accessible company wide.
- Collaborated with customers of applications to fix bugs and improve overall user experience.

Stevens Institute of Technology, Hoboken, NJ

May – Oct 2017

Research Assistant

- Collaborated with a software engineering professor to coordinate the execution of a new Android application using the agile method.
- Programmed a variety of applications such as a weather tracker, a design reference, and a boarding pass layout in Android using Java and XML.

PROJECT EXPERIENCE

GitHub Monitor

Summer 2018

- Built a web application using the MERN stack (MongoDB, Express, React, and Node) and Socket.io to create a real-time updating application monitoring a given user's GitHub repositories for new commits.
- Evaluated and used Google's Compute Engine and Cloud DNS as the optimal way to host the application online and connect the webhooks from GitHub.
- Used Firebase Auth to have easy single sign on for GitHub and used its GraphQL API to retrieve information about user accounts.

LEADERSHIP EXPERIENCE

Vaco, Hoboken NJ

Oct 2017 – Present

Google Cloud Student Innovator for Vaco at Google

- Planned and hosted several events with a total attendance of about 350 on my college campus to promote the Google Cloud Platform.
- Developed websites utilizing App Engine and Google Cloud Functions on Google Cloud to demonstrate the uses to students.
- Collaborated with employees at Google to brainstorm ideas to get students excited about the Google Cloud Platform.

ACTIVITIES

Stevens Game Development Club, Stevens Computer & Console Gaming Society, Computer Science Club, Phi Sigma Kappa Fraternity – Technology Chair, Executive Board - Inductor

U.S. Citizen
Available to work: May 2019