

# Alex Supkay

asupkay@stevens.edu • (813)-298-9846

alexsupkay.com • Hoboken, NJ

## 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, Computer Science Honors, Project Management, Agile Methods for Software Development, Concurrent Programming, Systems Programming, Automata and Computation, 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, 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

**JPMorgan Chase & Co.**, Jersey City, NJ

Jun 2018 - Present

Software Engineer Intern

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

**Tummy**, Hoboken NJ

March 2018 - Present

Software Engineer

- Developed the backend of the app utilizing Node.js and MongoDB to create an API for a mobile app to use.
- Forwarded login of a mobile 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 load balancer 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 Maps API to extract restaurant information based on location, distance, max rating, min 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.

**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.
- Gained proficient knowledge in Android application development using tutorials and documentation provided by Google.
- 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

**Android App Development**

April – Dec 2017

- Created a To-Do List application to prioritize tasks for working day to day.
- Developed an event planning app that utilized Facebook for login and Firebase as a database to allow users to invite others.
- Investigated linking applications in Android to create a flashcard application that could be used for studying.

## 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