

Alex Saltstein

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EDUCATION

Stevens Institute of Technology | Hoboken, NJ

Master of Science in Software Engineering

Expected December 2021

Bachelor of Science in Computer Science with High Honors

May 2021

GPA: 3.84 | **Awards:** Edwin A. Stevens Scholarship, Dean's List, Computer Science Honor Society

Relevant Coursework: Data Structures, Algorithms, Web Programming I & II, Database Management Systems, Concurrent Programming, Software Cost Estimation & Metrics, Agile Methods for Software Development, Deep Learning

Activities: Phi Sigma Kappa Fraternity - Treasurer, Upsilon Pi Epsilon, JP Morgan Chase Code for Good Hackathon, Skiing

Volunteering: Fisherman's Mark Food Pantry and Social Services

SKILLS

Languages and Web Technologies: JavaScript, React, React Native, Python, Java, HTML5, CSS, Swift, Objective-C, Bash

Tools: Node.js, Next.js, Redux, MongoDB, Visual Studio Code, Git, Expo, Google Cloud, Salesforce, AdobeXD, Photoshop

WORK EXPERIENCE

Forkist | Hoboken, NJ

Software Engineer

December 2019 - Present

- Demonstrated the ability to onboard onto a project with minimal experience and then build upon existing infrastructure to pivot from a food journal to a food social network
- Implemented image compression for all images throughout app to speed up loading time from over 30 seconds to less than 1 second
- Created reusable components in both React and React Native with emphasis on scalability, flexibility, and general code health overtime
- Contributed to the development of Forkist.com using Node.js, Next.js, React, Redux, with hosting on Google Cloud
- Developed database management scripts in Node.js utilizing Google Storage Api to alter cloud storage buckets without any downtime and decreasing storage size by more than 40x

Scholastic Technology Services | Chelsea, NY

Associate Software Engineer

June 2020 - Present

- Worked in an agile development cycle to create custom Salesforce web components from idea to production
- Updated existing code to latest industry standards by removing deprecated functions, improving loading time by 2x, and reducing unnecessary api calls
- Integrated Power BI, Tableau, and other data tracking solutions into existing Salesforce environments
- Maintained cron jobs hosted on AWS used for syncing data between salesforce and other customer management systems

PROJECT EXPERIENCE

Movier | Hoboken, NJ

Mobile App Development

March 2021 - Present

- Created React Native mobile application with Airbnb linting standards and component based design best practices
- Built a scalable backend API using Node.js with JWT authentication hosted on Google Cloud App Engine
- Employed web scraping through a Python script to populate a MongoDB database of categorized TV and movies

Color Picker | Hoboken, NJ

Mobile App Development

August 2020

- Utilized component based design practices to create a dynamic single page application following React Native industry standards
- Published to iOS app store with over 7,500 natural unique impressions

Drunkful | Hoboken, NJ

Mobile App Development

March 2020 - May 2021

- Designed complete gui mockup using AdobeXD prior to starting any development
- Developed mobile app using Expo and React Native
- Published to iOS and Google Play store with over 23,700 natural unique impressions
- Created Node.js backend API hosted on Google Cloud App Engine with MongoDB database to store information used within app and website
- Implemented async storage to track user session data between distinct application usages

U.S. citizen