Andrew **Chen**

SOFTWARE ENGINEER

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Experience

MongoDB
SOFTWARE ENGINEERING INTERN - ATLAS BACKUPS

New York City, NY
May 2019 - August 2019

- Developed features in upcoming high-impact product across multiple codebases that improve performance and reduce storage and computing costs.
- Improved Atlas Scheduled snapshot performance by optimizing Snapshot queuing behavior
- Improved team developer experience by refactoring existing Golang codebase to more easily interact with library from outside programs.
- Found bugs and proactively fixed them with ample documentation and unit tests.
- Technologies used: Java, MongoDB, React.js, Golang

Thingee Corporation
SOFTWARE ENGINEERING INTERN - WEB

Parsippany, NJ
May 2018 - August 2018

- Greatly improved user experience by developing features requested by real-world clients in Ruby on Rails
- Optimized performance by utilizing caches, eliminating/combining unnecessary SQL queries making them into reusable scopes for future use
- Improved developer experience by creating dynamic and reusable user interfaces by decoupling pre-existing monolithic codebases
- Worked collaboratively with team to develop features from conception to completion in a release-based software development lifecycle

McKinsey & Company
T&D SOFTWARE DEV INTERN - PLATFORM MANAGEMENT

New York City
Sept. 2017 - December 2017

- Improved productivity for Networking Engineering team by creating a Web Application and RESTful API monitoring network devices
- Designed and built a live-reloading web application from scratch using ReactJS and Redux
- Implemented Express/NodeJS web server to serve refactored information from pre-existing API
- Improved on-boarding experience for new hires by writing technical documentation answering FAQs about the internal VPN

Stevens Institute of Technology
TEACHING ASSISTANT

Hoboken, NJ
February 2017 - May 2017

- CS-546/554: Web Programming I & II
- CS-347: Software Development Process
- CS-284: Data Structures

Education

Stevens Institute of Technology
B.S. IN COMPUTER SCIENCE

Hoboken, NJ
September 2015 - Present

- **Overall GPA**: 3.41 | **Computer Science GPA**: 3.56 | **Dean's List**: Fall 2015 - Present
- **Relevant Coursework**: Web Programming I & II, Concurrent Programming, Database Management Systems, Systems Programming
- **Expected Graduation Date**: May 2020

Skills

Languages	Javascript ES6+, Python, Ruby, Java, C++
Libraries/Frameworks	ReactJS/Redux, VueJS/Vuex, NodeJS, Express, Ruby on Rails, Flask, jQuery
Cloud Platforms	Amazon AWS, Firebase, Google Cloud Platform
Software/Tools	Git, Bash/Sh/Zsh, Vim, UNIX, Docker, Visual Studio Code, LaTeX, Markdown, IntelliJ IDE

Projects

CodeJS
ONLINE CODE EDITOR

Fall 2018

- Created database schema and backend logic for user authentication and backend compilation
- Created logic to store, display, edit and upload files to S3 within the User Interface with ReactJS and Redux
- Hosted web application using Google Cloud Platform's App Engine service.