Sean Carney

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SKILLS

- 4 years experience in React, React Native, and advanced Javascript applications
- Proficiency with Redux, Typescript, Python, C#, Java and HTML/CSS

EXPERIENCE

Senior Software Engineer — *Mark43*

New York City, NY | Nov 2016 - Present

- Worked on the Mark43 Records Management System web application for police officers with a focus on web performance and configurability and adding features to support evidence and case modules
- Led development on the Mark43 RMS Mobile project, written in Typescript and React Native, for police officers to record notes, photos, and persons in the field

Software Engineer — *Flipgrid*

Minneapolis, MN | Mar 2014 - Oct 2016

- Led frontend development on the Flipgrid web application, creating a webcam recorder and video players in Javascript for students and teachers to use and share
- In conjunction, revamped the the Flipgrid management interface for teachers, moving from PHP to Django. Created a dashboard and new features to improve customization and monitoring of discussion questions

Developer Internship — *Wolverine Trading*

Chicago, IL | Jun 2013 - Aug 2013

- Built an internal trading application in C# for pricing illiquid options based on the underlying futures for twenty different classes of options
- Integrated with existing structure to recalculate option ratios on live exchange data and designed safety measures to respond to large market shifts

EDUCATION

Washington University in St Louis

St Louis, MO | Sep 2011 - Dec 2014

Bachelor of Science with a Major in Computer Science
Minor in Communication Design

- GPA: 3.6 / 4.0
- Lunar New Year Festival Show Choreographer
- President of the Washington University Juggling Club
- 5 Semesters Computer Science Teaching Assistant
- National Merit Scholarship
- Dean's List

PROJECTS

NYC Subway Feed — *iOS App*

- Created a React Native application on the iOS App Store that displays real-time NYC subway times
- Supports saving favorite stations and location-tracking stop look-up