

# Mason Balbera

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## TECHNICAL SKILLS

JavaScript, Ruby on Rails, Python, React, React Native, Node, AWS, MobX, Redux, CSS, Flask, mySQL, PostgreSQL, OOP, MVC

## EMPLOYMENT HISTORY

### **AllocateRite**, New York, New York

Full Stack Developer, May 2020 - Present

- Developed web and mobile applications using React, React Native, and Amazon Web Services(AWS)
- Implemented SSO Authentication with AWS Cognito on both web and mobile platforms
- Acted as the Product Owner to define the product vision, prioritize needs, and oversee team-wide development process
- Introduced A-B testing to create a UX/UI that increased user satisfaction and retention upwards of 20%
- Connected outside APIs Plaid, Stripe, etc. to allow clients to have secure payments and access to their portfolio holdings
- Worked with UX/UI designers on a full company rebrand to create a cohesive product and increase customer trust
- Led sales meetings with CEO to explain our product fit from a technical perspective AllocateRite to banks and VCs

### **FinX**, Norfolk, Virginia (Remote)

Mobile Development Lead, April 2020 - June 2020

- Developed mobile applications with Javascript, React Native, frontend and an AWS Lambda Node.js backend
- Refactored, refined and refocused legacy code in both Javascript and Python to improve speed and performance
- Implemented agile development and standard documentation practices across the development team
- Coordinated with teammates across the US to develop an innovative UX/UI
- Vetted, hired and managed a team of technical interns

### **New York Life Insurance Company**, Melville, NY

Agent, May 2017 - March 2019

- Worked one-on-one with clients to create an individualized strategy based on each client's needs and goals.
- Educated clients about complex financial tools and products to maximize their understanding and planning.
- Researched, created, and implemented marketing and branding strategies for both corporate and individual accounts.
- Collaborated with coworkers to develop sales tactics and terminology to increase the effectiveness of our communication.
- Aided clients with wealth protection, retention and maximization.

## TECHNICAL PROJECTS

### **MicroBets** -

*A mobile sports gambling platform that utilizes a swipe based user interface to improve UX for new and experienced gamblers*

- Utilized react-native to make an application that works both on iOS and Android platforms
- Built on a Ruby on Rails backend to manage data from an API that supplied real-time information and store user data
- Leveraged Redux to maintain a user's information throughout the entirety of the application

### **Movie Mania** -

*A social network based on movie preference*

- Full Stack Javascript (React, Node) application that utilizes IMDB's API to supply data and graphics
- Implemented global state management using the react library MobX
- Established OAuth sign in as an alternative to creating a new account for improved security and frictionless onboarding

### **Fifteen Puzzle** -

*A sliding puzzle that trains spatial awareness and cognitive skills, with fifteen randomly arranged tiles and one empty tile*

- Constructed a digital replica of a famous puzzle using Javascript and custom CSS
- Developed a Ruby on Rails API backend to maintain overall top scores and individualized highscores
- Engineered functionality to solve the puzzle if a user cannot finish it by themselves

## EDUCATION

### **Flatiron School** - 2019

- Full Stack Web Development, Ruby on Rails and JavaScript Immersive Program

### **Binghamton University** - Binghamton, NY 2014 - 2018

- B.A. Philosophy, Politics, and Law, minor in Education