

# MICHAEL TU

## SOFTWARE ENGINEER

### CONTACT

✉ MIKETU926@GMAIL.COM  
🌐 MIKETU.DEV  
☎ 732-379-0465  
📍 JERSEY CITY, NEW JERSEY  
in MIKE TU  
🔗 MIKETU926

I am a Software Engineer with prior professional background in hedge fund platform management. When I'm not writing code, I enjoy playing ultimate and backcountry snowboarding.

### SKILLS

#### LANGUAGES

- JavaScript
- ES5/ES6/ES7
- Ruby
- SQL
- CSS3
- HTML5
- VBA

#### DATABASE

- PostgreSQL
- SQLite3
- Firebase DB

#### TECHNOLOGIES

- React
- Redux
- Rails
- jQuery
- DOM
- AWS
- API
- Webpack
- Heroku
- Git

### PROJECTS

#### GETSTARTED

JAN. 2019 TO CURRENT

GetStarted is a single-page web app inspired by Kickstarter [Rails, PostgreSQL, React/Redux]

- Built the user authentication platform to ensure security of credentials using BCrypt hashing
- Integrated Amazon Web Services S3 (AWS) to allow users to upload and store their own project images
- Reduced load time by eliminating n+1 database queries with Rails Active Record relational mapping
- Implemented a search feature by fetching user input from the database using SQL for quick project lookup

#### ZIG ZAG

JAN. 2019 TO JAN. 2019

Control an orb along the Zig Zag path and don't hit the wall! [JavaScript, Canvas, Firebase DB]

- Demonstrated the ability to experiment with Canvas in order to launch the game within a week
- Utilized webpack to bundle JavaScript files and Firebase DB to track high scores

### EMPLOYMENT

#### BANK OF AMERICA MERRILL LYNCH

MAR. 2016 TO OCT. 2018

*ASSISTANT VICE PRESIDENT - HEDGE FUND PLATFORM MANAGEMENT*

NEW YORK, NEW YORK

- Structured, launched, and managed hedge funds within the \$45 billion wealth management platform
- Fetched data using SQL to create effective KPIs and metrics for project planning and execution
- Integrated over 4,500 clients' 1099 and K-1 tax documents through an existing portal, reducing the number of advisor inquiries by 95%
- Streamlined the operations between the fund's administrator and Merrill's internal technology, business development, and investor relation teams to successfully launch and maintain funds on the platform

#### PRUDENTIAL FINANCIAL INC.

OCT. 2013 TO FEB. 2016

*SENIOR ALTERNATIVE PRODUCTS ASSOCIATE*

NEWARK, NEW JERSEY

- Monitored the performance of several \$300 - \$750 million CLOs under management
- Converted a trustee performance spreadsheet tracker to an Access database with scalable user reporting tools for my team
- Calculated payments to investors by utilizing the waterfall model to ensure accurate quarterly distributions
- Managed risk by analyzing the performance of several US/European CLOs and their impact on interest coverage, overcollateralization, and concentration limitations
- Assisted in ongoing system tests to ensure current and newly issued funds adhere to indenture specifications

### EDUCATION

#### RUTGERS BUSINESS SCHOOL

SEPT. 2009 TO MAY 2013

B.S. Finance 2013

Undergraduate GPA: 3.52 | Undergraduate Major GPA: 3.62

#### APP ACADEMY

DEC. 2018 TO MAR. 2019

1000+ hour full-stack web development intensive with less than 3% acceptance rate