

Seeking a challenging software engineering position utilizing the latest software development technology while applying my expertise in a work environment that inspires me to grow in my technical skills.

## Applications

### **Minecraft Munch** [App Code](#)

Minecraft themed tile-matching puzzle game developed for mobile and desktop browsers.

- Designed and implemented a mobile responsive UI using HTML5 and CSS3.
- Coded game logic in JavaScript and jQuery to dynamically generate and randomize game board for replayability.

### **Boxsku** [App Code](#)

Locally sourced food distribution and meal sharing service with built in nutrition filtering.

- Designed and implemented web layout using React and webpack
- Implemented client-side shopping cart keeping track of user orders
- Created database and RESTful API to keep track of food costs, inventory, product images, and description.

### **Frogridders Online** [App Code](#)

Online version of classic board game Frogridders

- Created two player board game UI using HTML and CSS
- Implemented frog movement logic in JavaScript and jQuery
- Made fully responsive to phones, tablets, and monitors

## Technical Skills

- JavaScript
- React
- jQuery
- PHP
- Node.js
- Apache2
- Immutable.js
- SQL
- C++
- C
- HTML5
- CSS3
- Bootstrap 4
- NPM
- Python
- Matplotlib
- NumPy
- Bash
- Webpack

## Tools

- PostgreSQL/MySQL
- AWS Redshift/S3/EC2
- Boto3/AWS CLI
- Excel
- GitHub
- Tableau
- Adobe Analytics

## Professional Experience

### **Software Developer | 2019 – Current | MR Global**

Fintech Startup researching and developing trading strategies on crypto exchanges

- Automate and test trading strategies on Binance, Coinbase, Bitfinex, and other exchanges using JavaScript and Python.

### **Business Intelligence Assistant | 2018 – 2019 | MotorTrend Group**

Automotive Digital, Magazine, and Production Company

- Develop custom reporting tools using Adobe Clickstream Data, AWS Redshift, SQL, and Tableau for sales.
- Using Adobe Analytics to find insights about user behavior.

## Education

### **LearningFuze**

Accelerated Web Development Program

- Full Stack Web Development
- Over 800 hours of programming
- Programming 65-70 hours per week

### **University of California, Riverside**

Bachelor of Science in Computer Science

- Computer Graphics
- Machine Learning
- Embedded Systems