

# Hero Park

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## EXPERIENCE

### **University of California**

Undergraduate Research Assistant  
Los Angeles, CA  
Summer 2018

Data analytics and biomolecular research

Used scipy to analyze biological data, and implemented a pattern matching algorithm for DNA sequences (Python).

### **Brown University**

Student Programmer  
Providence, RI  
Fall 2017

Software engineering for the School of Professional Studies

Developed a web app, the Virtual Patient Viewer, using Angular.js and MySQL.

## EDUCATION

### **Brown University**

Providence, RI

Sc.B. in Applied Math-Computer Science  
3.67 GPA

Expected Graduation: Spring 2021

## SKILLS

OOP. Web Development. Functional Programming. Java. Javascript. Python. Pandas. AngularJS. NodeJS. SQL. MongoDB. Pyret. Racket.

## PROJECTS

### **RI Maps**

A CLI tool and web app using HTML5 Canvas, Javascript, a Java backend, and MySQL. Used concurrent programming for traffic considerations.

### **We Know Where You Live**

A web app using Node.js and Javascript. Uses a geolocation API using RESTful practices and the MEAN stack (MongoDB, Express.js, Angular.js, Node.js)

### **myMovieList**

A fully deployed product that uses Javascript for the front end, Java on the backend, and the frameworks Spark and Freemarker. Coordinated the efforts of a four-member team.

Other Projects: **Tetris**, **Political Candidate Bot**, **Campus Tour Guide**