

# **Jeremy Pham Taraba**

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## **EXPERIENCE**

### **Tutor Genius**

Private Tutor

Irvine, CA

**09/2020 - Present**

- Tutor elementary and high school students in algebra, geometry, trigonometry, statistics, and computer science
- Create lesson plans and worksheets to fulfill the needs of students for each session
- Conduct monthly discussions with parents and guardians to discuss each student's progress

## **PROJECTS**

### **Personal Website**

**06/2020 - Present**

- Successfully planned, designed, and coded a website from scratch, then hosted it on GitHub
- Built with HTML, CSS, JavaScript, and Bootstrap. Link to website can be found here: [jeremytaraba.github.io](https://jeremytaraba.github.io)

### **Data Feature Selection**

**05/2020**

- Used principles of Artificial Intelligence to classify and group thousands of data points based on their unique features and nearest neighbors
- Identify the most useful features needed to classify the given data and apply this for identifying similar data

### **Open Source Testing on Libgdx**

**01/2020 – 02/2020**

- Tests written in Java with the purpose of increasing code coverage on a video game creation framework
- Used Jacoco and PIT to find and update inefficient tests

### **Money Managing Application**

**10/2019 - 01/2020**

- Web application created with a team in JavaScript and React while following a Scrum development cycle
- Provided budgeting options and tracked spending history displayed as charts and graphs
- Used Firebase as a reliable database and implemented secure user authentication

## **Education**

**Degree: Computer Science**  
**University of California, Riverside**

**Technical Tools: C, C++, C#, GIT**  
**Degree granted: 03/2021**

## **Activities**

### **Aerospace Systems of UCR**

**05/2019 – 06/2020**

- Program sensor components with a team of engineers and fitted them to a rocket
- Attend weekly meetings to discuss current milestones and set future ones

### **UCR Programming Competition**

**02/2020**

- Solve timed coding problems with a team and compete against other competitors

### **MESA School Programs**

**02/2019**

- Examine and judge science projects presented by high school students
- Set up the rooms and provided resources to be used by the students