



# JEREMY TARABA

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## EDUCATION

University of California, Riverside – Riverside, CA  
Bachelor of Science: Computer Science

Graduated: 2021  
GPA: 3.58

## SKILLS

- MS Office: Excel, Word, PowerPoint, Visio
  - Artificial Intelligence
  - C, C++, C#
  - Frameworks: React, Bootstrap
  - Unity 3D
  - Learning: Python, Java
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## PROJECTS

12/2019 – Present

Money Managing Web Application

- Collaborate with a team of four (4) programmers to create a budgeting tool which tracks spending history with charts and graphs using JavaScript and React.
- Develop Business Requirement Document outlining the specification, story cards, and project requirements.
- Document project timeline and progress for reporting in Scrum meetings.
- Perform User Acceptance Testing (UAT) and Regression Testing.

Open-Source Quality Assurance

- Write unit tests in Java to increase code coverage for Libgdx, an open-source video game creation framework.
- Utilize PIT for mutation testing, improving the efficiency of tests and identifying defects in code.
- Use JaCoCo to check production code for test coverage.

Virtual Reality Theater

- Collaborated to outline, storyboard, and develop a Virtual Reality (VR) compatible theater in Unity 3D.
- Wrote scripts in C# for user input and environmental interactions.
- Utilized the Unity Asset Store for complex 3D models and materials.

## EXPERIENCE

**Private Tutor** / Tutor Genius – Irvine, CA

09/2020 – Present

- Tutor elementary and high school students in key subject concepts: Algebra, Geometry, Trigonometry, Statistic, and Computer Science.
- Collaborate with parents and students to identify education goals and strategies to obtain desired outcomes.
- Conduct monthly meetings with parents and guardians to deliver progress reports and discuss opportunities for improvement.

**Instructor** / Coding Minds – Irvine, CA

09/2021 - Present

- Taught a classroom of elementary, high school and college students in computer programming subjects: Java, Python, Scratch, and Roblox Studio.
  - Helped develop new lesson plans and added material to the existing curriculums.
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## VOLUNTEER & CLUB ASSOCIATIONS

Aerospace Systems of UCR / UCR Programming Competition

- Program and fitted rocket sensor components with a team of 5 engineers.
- Attend weekly meetings to discuss current milestones and set future goals for Aerospace Systems at UCR.
- Participated in timed programming and coding competitions.
- Member of the Aerospace Club, Association of Computing Machinery (ACM) and Asian American Christian Fellowship.