JT JEREMY TARABA

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SKILLS

- Programming
- Website Design
- MS Office: Excel, Word, PowerPoint, Visio

- Artificial Intelligence
- Coding Languages: C, C++, C#, HTML, CSS, Python, Java, JavaScript
- Frameworks: React, Bootstrap

EXPERIENCE

Private Tutor / Tutor Genius – Irvine, CA   09/2020 – Present

- Tutored 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 of improvement.

PROJECTS   12/2019 – Present

Money Managing 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.

Data Classification

- Used principles of Artificial Intelligence to analyze and classify 1,000+ complex data on specified criteria.
- Validate data for accuracy and test different algorithms for improved run times.

Open-Source Testing

- Write unit tests using 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.

Personal Website

- Develop, design, code a personal website using HTML, CSS, JavaScript and Bootstrap.
- Link to website can be found here: jeremytaraba.github.io.

EDUCATION AND TRAINING

University of California, Riverside – Riverside, CA   03/2021
Bachelor of Science: Computer Science

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.