

William Mason

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WORK EXPERIENCE

Moravia IT (serving MAANG client)

Remote

General AI Data Annotator

July 2023 - Present

- Graded and improved prompt responses from the client's Large Language Model (LLM)
- Cleaned and extracted claims in the training data to enable improved responses from web-based corpus

TuSimple

San Diego, CA

Software Quality Assurance Test Engineer II

February 2022 - July 2023

Software Quality Assurance Test Engineer I

September 2020 - February 2022

- Utilized R to visualize data in the form of heatmaps via ggplot and dplyr that drove test case coverage improvement across different condition combinations (time of day, vehicle type and trajectory, road architecture, etc.)
- Verified supervised Machine Learning metrics by comparison via Google Lookers to scale possible testing volume. These included accuracy, precision, recall, MSE, and RMSE trajectory. Fine-tuned flagging thresholds to minimize type 2 errors
- Conducted weekly CI/CD testing of new autonomous driving builds and troubleshooted issues with developers
- Generated 100+ map reports to verify improvements to existing and emerging routes. Performed root cause analysis on issues relating to speed limit, intersection stop/go intention, and trajectory oscillation
- Interfaced with my own team (Regen Verification) as well as others to ensure timely completion of various projects across the Atlassian suite (Jira, Confluence, etc.)
- Contributed to the first successful driver-out ride (Ghost Rider) in December 2021 via simulation testing
- Performed manual regression testing of the test case suite. This was split fairly evenly between our machines that mimicked the set-up onboard the freight trucks and on cloud via AWS

EDUCATION

University of California, San Diego

San Diego, CA

Fullstack Coding Bootcamp

Anticipated, March 2024

- **Relevant Tools and Frameworks:** MySQL, MongoDB, HTML, CSS, JavaScript, jQuery, Git, Bootstrap

University of California, Los Angeles

Los Angeles, CA

B.S. (Applied Mathematics major, Statistics minor)

Graduated, 2020

- **Relevant Coursework:** Linear Algebra, Mathematical Modeling, Probability Theory, Computational Statistics with R, Data Analysis and Regression, Algorithms, Graph Theory, Game Theory, and Experimental Design

Patrick Henry High School

San Diego, CA

- **Academics:** Graduated Valedictorian with a 4.9 GPA, 35 on ACT

Graduated, 2016

LEADERSHIP AND INVOLVEMENT

UCLA Alpha Epsilon Pi, Xi Deuteron Chapter

Los Angeles, CA

President

December 2017 - December 2018

- Functioned as chief executive officer and chairman of the executive board and brotherhood
- Acting delegate to the Supreme Council of Alpha Epsilon Pi and ex officio member of all committees

UCLA Interfraternity Council Positions

Los Angeles, CA

Vice President of Finance

January 2019 - January 2020

- Created and maintained an annual budget in excess of \$65,000
- Invoiced and collected quarterly dues from all 22 constituent member chapters

Skills: R, Python, Jira, Confluence, SQL, Introductory C++, Git, Google Looker