Andrew Colbert

Senior Quality Assurance Engineer
San Francisco Bay Area

Summary

GitHub Portfolio: https://drewcolbert.github.io/
LinkedIn: www.linkedin.com/in/andrewcolbert-1a99a1186

Team Lead for Waymo's MPCI Triage team with a strong background in manual QA testing with a specialization in autonomous vehicle software to identify and report bugs, as well track bugs throughout their lifecycle to ensure proper and accurate reporting.

Proficient in Python, SQL, and R to import, clean, visualize, and make predictions with data. I have an in-depth knowledge of statistics to be able to find meaningful insights from given data.

Experience

Waymo

2 years 3 months

Senior Quality Assurance Engineer

June 2023 - Present
San Francisco Bay Area

- Conduct manual testing on the updated autonomous vehicle software to identify and report any bugs
- Deliver 60+ test-cases everyday and with 90% accuracy and 60% precision after replication by other colleagues
- Perform replication of test-cases to confirm the proper test scenario was used and to ensure accuracy of the result before filing the bug
- Collaborate across multiple teams to ensure standard operating procedures are up to date and accurately reflect the correct workflow
- Team lead for Waymo MCPI Triage team where I am responsible for training, mentoring, and supporting new hires, both onshore and offshore

Quality Assurance Engineer

November 2021 - June 2023
San Francisco Bay Area

- Facilitated the release of a new software feature that allowed test speeds to rise dramatically and allowed for more validation checks to decrease the number of potential errors
- Executed tests on the software to identify bugs to be reported to the engineering team

- Collaborate across multiple operations teams to ensure test results remain consistent and accurate and work to improve guidelines on all workflows
- Identify edges cases and areas of improvement to help ensure more accurate bug filing across the team

University of Oregon Athletic Department
2 years 6 months

Sports Performance Director
November 2018 - June 2019
Eugene, Oregon

- Communicated directly with coaches and administration to define goals and set up workflows for collecting bullpen data of the teams pitchers
- Attended practices to execute said workflows by getting each player set up properly to ensure accurate and reliable data collection
- Gathered all data collected from practice and developed dashboards in Excel that I presented to coaches, summarizes my findings and driving future practice plans based on the data

Data Analyst
January 2017 - June 2019
Eugene, Oregon

- Monitored performance KPIs for 60+ players to ensure the correct data was being collected properly
- Ensured quality data was being collected using Excel to fix any missing data and identify any outliers or misclassified data
- Employed R to run a script that took the raw csv file and created a dashboard in Excel that was then sent to coaches to drive future practices using the collected data

---

Education

Syracuse University
Master of Science - MS, Computer Science

University of Oregon
Bachelor of Science - BS, Sports Performance