**Ashley Fong**

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**Education**

Missouri University of Science and Technology Aug 2022 - Graduation: May 2026

**B.S. Computer Science** , minor in biology, bioinformatics GPA: 3.97/4.00

**Experience**

Mars Rover Design Team August 2022 - August 2024

**Software/Autonomy Sub-Team**

* Implemented file logging functionality for rover; allowing redirection reading and writing of log files to a specific location in a USB drive in C++ with team members

Holon Solutions Quality Assurance Intern - Remote June 2024 - March 2025

* Developed, performed, and improved manual regression tests, using Postman and other tools, to validate functionality and identify issues in the application to improve software quality
* Tested and validated features across numerous versions of software to ensure cross-version stability, consistency, and compatibility among users
* Documented and provided feedback to product managers, engineers, and software developers on defects within the application using Confluence
* Resolved support issues such as password resets and account creation in the company’s CMS
* Replicated issues reported by users to log and document processes using Jira to the engineering team, providing replication steps and ensuring efficient debugging
* Authored and maintained customer-facing articles and guides on the company’s Zendesk to allow for non-technical users to resolve common issues, improving accessibility of software to users and reducing support requests

**Skills**

- Adobe Creative Cloud - SQL - Markdown - HTML, CSS

- Microsoft Office - Python - C++, C - Assembly

- Regression Testing - Technical Writing - Git - Postman

Languages: English (Native), Chinese (Native), French (Proficient), Spanish (Intermediate/Beginner). Finnish, written (Beginner)

**Coursework**

**-** Data Structures & Algorithms -Microcontrollers - Operating Systems - Computer Security - Bioinformatics - Databases and File Systems - Computer Networks

**Honors and Activities**

Missouri Bright Flight Scholarship

Missouri S&T Honors Academy (Aug 2022 to current)

honors project in operating systems that involved adding process sorting filters in MINIX

Secretary - Missouri S&T Asian American Association & College Democrats

Responsible for documenting weekly officer/general meetings, sending information on club events and meetings, and recruiting new members

Missouri University of Science & Technology Dean’s List (5 semesters)