Alan R. Qiu

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# SUMMARY OF QUALIFICATIONS

* Thorough understanding of Software Engineering design principles through coursework and projects
* Strong Mathematical background and ability to model real world problems.
* Desire to learn more and understand how and why things work the way they do as demonstrated in projects.
* Motivated and highly competitive inclination to succeed and build connections in any environment or at any task as shown in projects.
* Programming Languages used: C#, C, C++, Java

# EDUCATION

**Bachelor of Science in Computer Science**; Expected May, 2027

Washington State University, Pullman, WA

**Graduate of Mercer Island High School;** GPA 3.6 June, 2023

Relevant Coursework:

Systems Programming, Software Programming, Networking, Design and Analysis of Algorithms, Principles of Optimization and Linear Programming

SKILLS

C#, C, C++, Java; attention to detail and strong work ethic as shown in “Other Experience,” and Excel

# PROJECTS

**DIY Tachometer/Speedometer,** Personal project 2022-2023

* Designed and fabricated a tachometer that directs timing of shifts and displays the RPM in real time
* Effectively used open-source software to create multiple different custom display tachometers
* Programmed a program in Java that utilizes information from an on-board diagnostic reader

**FIRST Robotics Competition,** Group Project 2022-2023

* Taught a number of upcoming members of the Mercer Island High School Robotics team the power tools, personal and group safety, productively problem solve issues, and demonstrate effective teamwork
* Assisted the leads on fabricating mechanical parts for the competition robot
* Pitch in on how to make the workspace a more welcoming place for future members
* Awarded the Team Spirit award for celebrating extraordinary enthusiasm and spirit through exceptional partnership and teamwork furthering the objectives of FIRST

AWARDS AND EXPERIENCES

**Awards:** FIRST Inspires Team Spirit Award 2023

# OTHER EXPERIENCE

**General Laborer**, MrQ Construction*,* Seattle, WA May 2020 – Aug 2023

* Devoted, not just mind, but body to the task
* Success in this role due to meticulous attention to detail
* Demonstrated useful teamwork and bonding experiences

Cashier, Super China Buffet 2, Moses Lake, WA May 2020 - Aug 2023

* Strong work ethic allowed for time to help others on the team
* Often assisted in other fields such as hosts and servers