

Luis Garcia Rangel

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SUMMARY OF QUALIFICATIONS

- Thorough understanding of Software Engineering design principles through coursework and projects
- Strong Mathematical background and ability to break down complex problems and develop effective solutions
- Desire to learn more and understand how and why things work the way they do
- Motivated and high inclination to succeed in any environment
- Ability to work and adapt within a fast paced environment
- Programming Languages used: Java, C, HTML/CSS, Python, JavaScript

EDUCATION

Bachelor of Science in Computer Science

Expected May, 2025

Washington State University, Pullman, WA

Clubs/Organizations: Association of Computing Machinery

Relevant Coursework:

Program Design and Development in C, Discrete Structures, Calculus II

Associate of Applied Science

June 2023

Big Bend Community College, Moses Lake, WA

Clubs/Organizations: TRIO SSS

Awards: Vice President/President's List

Relevant Coursework:

Programming in Java I, Programming in Java II, Database Management Systems, Calculus I/II

SKILLS

Java, C, HTML/CSS, Python, JavaScript, Firebase, MongoDB, SQL, NoSQL, Git, GitHub, Windows/macOS;
Experience building computers/familiarity with hardware components, Certifications in Word, Powerpoint, and Excel,
Experience with Microsoft Office programs; Experience with classroom and research laboratories as well as working
in a team environment, fluent in both Spanish and English

PROJECTS

Business Website, Personal/Business Project

atomicauto.site

- Launched a website that provides information on services offered/ pricing for the Atomic Auto: Mobile Detailing business
- Developed user-friendly front end using HTML/CSS and JavaScript, integrating accessibility for different screen sizes and different devices
- Incorporated Firebase for stable web hosting

Movie Tracker API, Personal

- Developed a RESTful API using the Spring framework, and tested with Postman
- Performed CRUD operations to communicate between React front end and Mongo database

Python Price Web Scraper, Personal

- Created a python CLI web scraper that automates price search across websites using BeautifulSoup
- Actively used for finding computer parts, gifts, school supplies, etc. with plans for future updates

OTHER EXPERIENCE

Co-Owner/Operator, Atomic Auto: Mobile Detailing, Moses Lake, WA

February 2023 - August 2023

- Launched and operated an auto detailing business, demonstrating entrepreneurial skills and business acumen
- Developed a Static website for the business, displaying services offered, pricing, and contact information
- Managed equipment purchases and safe handling and management of cleaning chemicals
- Detailed vehicles, interior and exterior, lasting up to several hours per day

Apparel Associate/Electronics Associate, Walmart, Ephrata, WA

December 2020 - January 2023

- Provided technical assistance to customers
- Managed the photo center and handled high-ticket items, showcasing responsibility and attention to detail.
- Ensured optimal organization of merchandise and assisted customers in locating items efficiently.