Jomikael Ruiz

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EDUCATION

Seattle University — Sep. 2022 - June 2026
Bachelor of Science in Computer Science, Minor in Data Science – GPA: 3.977 — Seattle, WA
- Relevant Coursework: Operating Systems, Security in Computing, Distributed Systems, Computer Organizations
- Awards: 9x Dean's List Scholar, 9x President's List Scholar, Grace Munzer Science Scholar
- Organizations: United Filipino Club (Vice President), SU ACM (Senior Advisor & Secretary), Dean's Council

Oracle — July 2025
Oracle Cloud Infrastructure 2025 Certified Foundations Associate — Redwood City, CA

EXPERIENCE

Oracle — June 2025 – Present
Software Engineer Intern — Redwood City, CA
- Analyzed 5 differences in approaches to Kubernetes deployment, including InstantK8s, Minikube, & MicroK8s
- Researched SIP, RTP, & TCP advanced networking architecture to understand VoiP media flow initialization
- Developed 4 Python scripts to analyze & debug call crash logs to streamline developer debugging process
- Resolved key memory leaks, race conditions, and concurrency issues in C++ to prevent deployment crashes
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Seattle University Association for Computing Machinery — Sep. 2024 – Present
Technical & Design Director, Senior Advisor — Seattle, WA
- Networked & presented to 10+ companies to financially sponsor & collaborate for 1st Seattle U Hackathon
- Boosted outreach by 40% through development of React application, receiving 120+ applicants via website visits
- Hosted beginner technical workshops regarding Data Structures, Algorithms, & Git during day-of scheduling

Seattle University Credit Union Initiative — June 2024 – Apr. 2025
Technology Consultant — Seattle, WA
- Performed vendor vetting on 5 BaaS applications, leading 10 meetings to select a mobile application provider
- Advised marketing department on web service providers based on usability, security, & costs for web development resumeItemPerformed vendor vetting on 5 BaaS applications, leading 10 meetings to select a mobile application provider

Boehringer Ingelheim — June 2024 – Aug. 2024
Automation Engineer Intern — Fremont, CA
- Simulated site testing & reliability by developing 4 DeltaV Recipes using Mock System environment
- Researched virtualization & networking topologies to diagram architecture of software & hardware components
- Proposed 7 development improvements to prevent mechanical shutdowns & improve production cycle times by 10%

Bilimetrix USA — June 2023 – Aug. 2023
Software Developer Intern — Remote
- Resolved a critical 2 year security bug by refactoring 200+ lines of code, preventing unauthorized elevated access
- Achieved 100% code coverage via development of 20+ unit tests for backend validation using Mock Library
- Presented progress on assignments during weekly sprints to stakeholders, researchers, peers, and advisors

PROJECTS

Scaling Monolith Application to Distributed System | *Python, Slurm, Bash, Linux* — June 2025
Multithreaded Calculator Server & Client | *C++, Socket Programming, pThreads* — Aug. 2024
Parallelized Unix Utilities | *C++, pThreads, Linux* — June 2024
COVID-19 Data Visualization & Analysis | *C++, Python, Apache Spark, Databricks* — Aug. 2023

TECHNICAL SKILLS

Languages: C++, C, Python, C#, Java, SQL (Postgres & MySQL), Dart, Golang
Frameworks & Libraries: Django, PySpark, Flutter, HTCondor, Kubernetes, pThreads
Technologies: Git, Cleartool, Docker, Podman, Kubernetes, Oracle Cloud Infrastructure, GNU Make