



Spencer Hirata

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Delivering High-Impact Solutions Through Efficient, Scalable Software Development

Work experience

T-Mobile

June 2021 - May 2024

Software Engineer

- **Point of Sale Applications:** Developed and maintained point of sale applications that generated millions in revenue, improving user experience and system performance through effective collaboration and technical solutions.
- **Quality Assurance:** Triaged and resolved technical issues over a year and a half to ensure accurate testing outcomes, enhancing QA processes, product quality, and overall system reliability using Splunk and Oracle Database.
- **Java Microservices Upgrade:** Upgraded legacy Java microservices to meet security compliance standards, improving system security, minimizing vulnerabilities, and ensuring adherence to company-wide security protocols.
- **Scheduler Development:** Designed and implemented a scheduling solution in Go for an internal visualizer service, improving workflow automation, optimizing data processing, and enhancing system performance.
- **Swagger Documentation:** Updated and maintained Swagger documentation to ensure accurate API specifications, enhancing developer usability and improving overall project documentation quality.
- **Traffic Anomaly Detection Standard:** Developed a traffic anomaly detection standard using Splunk, implementing an algorithm that improved alerting criteria for more relevant and actionable alerts.

University of Washington through Trilogy Education

September 2019 - September 2020

Teaching Assistant for Their Coding Boot Camp

Supported and mentored two cohorts of coding boot camp students from start to finish, providing technical instruction, code reviews, and project guidance to ensure successful program completion and skill development.

Education

Lake Washington Institute of Technology

April 2020 - June 2022

Bachelors of Science | Computing and Software Development

- **Full-Stack Development:** Experienced in front-end and back-end technologies, including HTML, CSS, JavaScript, and server-side programming languages.
- **Machine Language:** Studied low-level programming concepts and system architecture, focusing on software-hardware interactions.
- **Database Management:** Proficient in SQL and NoSQL databases for data storage, retrieval, and management in various applications.
- **Machine Learning:** Applied machine learning algorithms and frameworks for predictive modeling and data analysis on real-world datasets

Google by Coursera

May 2024 - June 2024

Cybersecurity Fundamentals Certifications

Completed comprehensive training in cybersecurity principles, including risk management, threat detection, incident response, and security architecture. Gained hands-on experience with essential tools and technologies, such as network security, cloud security, and security operations. Developed skills in securing systems and data, ensuring compliance with security policies and regulations.