

KIM JULIUS SALE

Kent, WA | (206) 910-6821 | sale.kim10@gmail.com | | [LinkedIn](#) | [Portfolio](#)

Junior Software Engineer and recent Computer Science graduate (B.S). Proficient in C/C++, C#, Python, and React, with a strong foundation in Data Structures, Algorithms, and System Integration (VR). Seeking Systems, Backend, or specialized engineering roles to deliver impactful solutions.

TECHNICAL SKILLS

Languages: C/C++, C#, Python, HTML5, CSS3, JavaScript (ES6+), SQL

Frameworks & Libraries: React.js, Unity XR Interaction Toolkit, JavaScript Web Frameworks, CSS Frameworks

Software & Systems: Object-Oriented Programming (OOP), Data Structures & Algorithms, Restful APIs, System Integration, Git, GitHub, npm

Data & Deployment: JSON, MIDI Processing, Docker

TECHNICAL PROJECTS

Capstone Project – Virtual Keys | [[GitHub](#)]

Collaborated in a team of four to design and develop an interactive VR piano learning application, inspired by Synthesia, to gamify piano learning by focusing on real-time visualization and system integration.

- Contributed to developing core software architecture, integrating a custom input API with Unity rendering pipeline and managing complex VR interaction logic.
- Implemented data parsing algorithms to process and clean complex MIDI data and formatted text for dynamic song visualization and synchronization.
- Gained specialized experience in 3D environment development, leveraging advanced debugging tools and maintaining project integrity using Git/GitHub in a collaborative environment.

Website Project – Personal Website Portfolio | [[Live Demo](#)]

Engineered a professional Single-Page Application (SPA), demonstrating modern software development practices and deployment skills.

- Implemented the UI using React.js to deliver a responsive, performant client experience.
- Utilized asynchronous programming and AJAX to effectively consume and process external RESTful API JSON data.
- Applied core UI/UX design principles and modern CSS methodologies; managed version control using Git/GitHub.

EDUCATION

Ancora Training – Web & App Development Program | *ONLINE*

AUGUST 2025

Key Learning Areas: Web Fundamentals (HTML5, Architecture), Modern CSS & Design (Responsive Design, Frameworks), Advanced JavaScript (Asynchronous Programming, APIs, AJAX, JSON), and JavaScript Web Frameworks (SPA Development, React).

Bellevue College – B.S Degree, Computer Science | *BELLEVUE, WA*

JUNE 2025

Relevant Coursework: Data Structures, Algorithms, Software Engineering, Database Systems, Object-Oriented Programming.

WORK EXPERIENCE

- Hilton** – *Banquets – Houseperson, Temp. Captain* | TUKWILA, WA MAR 2023 – PRESENT
- Supervises and directs houseperson staff for event preparation and execution, ensuring adherence to Banquet Event Order (BEO) specifications and high-level client expectations.
 - Manages the full event execution lifecycle, coordinating inter-departmental collaboration and serving as the primary liaison for complex client communication.
 - Implement efficient resource allocations and inventory management protocols to optimize setup and teardown logistics.
- MM Distribution** – *Manager* | TUKWILA, WA JUL 2021 – DEC 2022
- Lead global supply chain operations, successfully optimizing system planning and logistics to achieve cost-effective goods movement.
 - Directed complex inventory control and warehouse management processes, implementing process and safety standards to maintain operational efficiency.
 - Resolved complex logistical and contractual issues, ensuring seamless operations and maintaining critical vendor and supplier partnerships
- Exotic Metals Forming** – *Furnace Operator Level II* | KENT, WA MAR 2020 – JAN 2021
- Operated and maintained high-value industrial vacuum/atmosphere furnaces, ensuring strict adherence to ISO 9001/AS9100 quality and compliance standards.
 - Conducted routine maintenance (e.g., calibration, pump servicing) and led complex troubleshooting (PLC, vacuum systems) to minimize system downtime.
 - Generated production and Quality Control (QC) reports, demonstrating meticulous data recording and system analysis while maintaining a zero-incident safety record.
- Boeing** – *Mechanic* | EVERETT, WA JUL 2018 – APR 2019
- Diagnosed, repaired, and troubleshoot complex mechanical and avionics systems on aircraft and space systems.
 - Maintained airworthiness and upheld rigorous safety standards by strictly following manufacturer specifications, demonstrating meticulous attention to system documentation and regulatory compliance
 - performed meticulous inspections, non-destructive testing, specialized maintenance, and rigorous documentation to ensure regulatory compliance in a high-stakes environment.
- Swissport (Asiana & Spirit Airlines)** – *Dispatcher* | TUKWILA, WA APR 2014 – JUL 2018
- Oversaw the safety and operational control of complex flight systems, ensuring strict regulatory compliance through close collaboration with flight command.
 - Managed real-time logistical planning and optimization, including route planning, weather monitoring, and complex fuel & load calculations.
 - Maintained essential communication and coordination across pilots, air traffic control, and destination stations, requiring adjustment of operational plans to account for weather, delays, and/or other unexpected variables.