YOUNG KIM

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EDUCATION

Seattle University   March 2025 – June 2027 (Expected)
Master of Science in Computer Science   *Seattle, WA*
- GPA 3.6/4.0
- Relevant Coursework: Artificial Intelligence, Software Engineering

University of Washington   September 2021 – June 2024
Bachelor of Science in Computer Science, Minor in Mathematics   *Seattle, WA*
- GPA 3.81/4.0
- Dean's List Honoree For 5 Quarters
- Contributed to a research paper by optimizing neural networks for evolutionary AI predator-prey simulations, demonstrating an ability to adapt and apply software solutions while analyzing large data models.
- Relevant Coursework: Data Structures & Algorithms, Database Design, Operating Systems, Computer Architecture, Cryptography

EXPERIENCE

Software Consultant   October 2025 – Present
Seastack Software LLC   *Remote*
- Enhanced and delivered multiple full-stack features by modifying database schemas, backend APIs, and frontend components, **improving task workflow efficiency by 30%** and increasing data visibility across task states.
- Applied complex task and file-handling logic by tracing existing workflows, resolving edge cases, and validating end-to-end data flow from database to UI, **reducing task-related errors and inconsistent states by 25%**.
- Reviewed, merged, and validated pull requests while resolving multi-branch merge conflicts, **preventing regressions across 10+ feature merges** and maintaining a stable development branch during parallel development.
- Collaborated in Agile sprint cycles through weekly scrums, pair programming, and design discussions, documenting implementation decisions and testing steps to **improve review efficiency by 25% and reduce iteration cycles by 20%**.

Web Developer   January 2026 – Present
Edward Sr Aviation Advisors   *Remote*
- Developed and maintained a production React web application using Vite, **to deliver fast and reliable front-end performance.**
- Developed **responsive UI layouts using HTML, CSS**, and modern layout techniques to ensure cross-device compatibility, accessibility, and consistent visual behavior.
- Built interactive and animated UI components with dynamic navigation using React Router to improve user experience.
- Designed **modular, reusable React components** to support maintainability, scalability, and ongoing UI enhancements.

Lead Software Engineer Intern   June 2025 – November 2025
Hawl Technologies, LLC   *Remote*
- Improved and maintained full-stack software features using Next.js, JavaScript, TypeScript, Python, Node.js, and MongoDB, integrating AI APIs for enhanced automation, which **reduced user setup time by 40%**.
- Integrated LLM-driven APIs into backend microservices to **improve data accuracy and relevancy by 35%**, implementing structured query handling and prompt optimization.
- Led a distributed engineering team using Agile methodologies for sprint planning and code review, **improving project production and quality by 15%**.
- Optimized the frontend UI/UX, designing new layouts and implementing theme support, which **improved responsiveness by 35% and enhanced accessibility**.

Software Engineer Intern   June 2025 – August 2025
Bilimetrix USA   *Remote*
- **Improved diagnostic accuracy by 20%** with the creation of a pixel-brightness-based shadow detector, successfully applying software solutions to a business goal.
- **Improved Unit Test maintainability by 30%** through the introduction of standard mocking data and maintained **100% code coverage**, focusing on system maintenance and quality.
- Worked as part of a 20-person agile team focused on improving Web services diagnostic accuracy and Unit Test maintainability.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, SQL, Python, HTML, CSS, C#
Frontend: React.js, Next.js, Vite, Tailwind CSS, Blazor
Backend & APIs: Node.js, Express.js, FastAPI, ASP.NET, RESTful APIs
Database: PostgreSQL, MongoDB, MySQL
Cloud & DevOps: AWS, Azure, Docker
Tools: Git, GitHub, Postman, Linux
Engineering Practices: Agile (Scrum), SDLC, Data Analysis, Systems Design, Communication, Cross-functional Collaboration, LLM, Problem-Solving, Time Management, Debugging, Unit Testing, OOP