

JANE CHOI

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OBJECTIVE

Motivated Computer Science & Data Science Junior with a strong foundation in software development, algorithms, and distributed systems. Proficient in Python, C++, Java, and data structures, with experience in agile software development, cloud computing, and AI/ML applications. Seeking a Software Development Engineer (SDE) Intern role to build scalable, fault-tolerant, and distributed systems, contribute to high-impact software solutions, and enhance cloud-driven applications.

EDUCATION

University of Washington Bothell Bothell, WA	Major: Computer Science & Software Engineering Minor: Data Science Relevant Coursework: CSS 342 - Data structures, Algorithms, Discrete Math I CSS 360 - Software Engineering	September 2024 - June 2026 (Expected)
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TECHNICAL SKILLS

- Languages: Python, C++, Java
- Software Development: Object-Oriented Programming (OOP), Data Structures & Algorithms, Software Engineering, Version Control (Git, GitHub), VS Code
- AI & Machine Learning: Neural Networks, Deep Learning, Image Classification
- Web & UI Development: HTML, CSS, JavaScript, Figma (Prototyping, Wireframing)

EXPERIENCE

STEM Scholar Lead at Washington State Opportunity Scholarship, Seattle, WA	October 2024 - Present
<ul style="list-style-type: none">• Guided and supported a cohort of 10 STEM scholars, fostering academic and professional growth through mentorship.• Organized tech-focused workshops, collaborating with professionals in cloud computing, AI, and software engineering.• Acted as a liaison between scholars and WSOS leadership, leveraging data analysis to provide feedback and optimize student resources.	

Computer Science Mentor at RISE Mentorship, Lynnwood, WA	November 2023 - June 2024
<ul style="list-style-type: none">• Mentored STEM students in problem-solving strategies, software development principles, and UI/UX best practices.• Facilitated collaborative discussions that improved teamwork skills and applied Agile methodologies to technical learning.• Designed personalized learning strategies using data analysis and structured learning frameworks through weekly meetings with directors and mentors, improving student success.	

Administrative Assistant, Seattle Best Insurance Inc, Lynnwood, WA	June 2021 - February 2023
<ul style="list-style-type: none">• Managed IT systems by updating software and digitizing documents, ensuring secure and efficient record management.• Designed and distributed personalized communication materials, incorporating data processing and automation for over 1,000 clients.• Utilized Microsoft Office tools & database management tools for document organization and workflow optimization, streamlining administrative operations.	

PERSONAL PROJECTS

AI-Powered Image Classifier with PyTorch	January 2025 - February 2025
<ul style="list-style-type: none">• Developed an image classification model using PyTorch and VGG16 transfer learning to classify 102 flower species with high accuracy.• Built a command-line application that allows users to train custom datasets and predict image classes.• Utilized GPU acceleration (CUDA) for efficient training and inference, significantly reducing computation time.	

SKILLS & CERTIFICATIONS

- Certification: Google UX Design Certificate, Introducing Generative AI with AWS
- 2024 AWS AI/ML Scholarship Recipient - Udacity AI Programming with Python Nanodegree Program