NOA KEHLE

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EDUCATION

California Polytechnic State University, San Luis Obispo (Cal Poly)
Bachelor of Science Degree in Computer Science   June 2025
GPA: 3.64 – Deans list Honors in 4 Quarters

Relevant Coursework: Fundamentals of Computer Science, Data Structures, Object-Oriented Programming and Design, Computer Organization, Computer Architecture, Discrete Structures, Systems Programming, Design and Analysis of Algorithms, *Intro to Software Engineering (Winter 2023), Programming Languages(Winter 2023)*

Juanita High School, WA   June 2021
GPA: 4.00 (Unweighted)

SKILLS

Programming Languages: Python, Java, C, Assembly, HTML, CSS
Software Tools: Git, GitHub, VSCode, IntelliJ IDEA, PyCharm, Postman, Vim, Node.js, Express.js

PROGRAMMING PROJECTS

Virtual-World Simulation
Languages and Tools: Java, GitHub, IntelliJ IDEA
- Refactored and enhanced complex codebase for a Virtual World game
- Developed new innovative features and integrated them into the legacy code
- Implemented different pathing algorithms to control movement inside the simulation

Mock File System Simulator
Languages and Tools: C, Vim
- Developed a robust mock file system simulator in C, enabling users to perform basic file operations
- Designed a user-friendly command-line interface with error reporting
- Demonstrated proficiency in system calls, data validation, and file system maintenance

Homework Planner App
Languages and Tools: Java, Android Studio, XML
- Created a homework planner Android app for students
- Implemented the app functionality in Java
- Collaborated with a team of developers to integrate the frontend and backend of the app

WORK EXPERIENCE

Demonstrated leadership, management, teamwork, and communication skills in the following roles:
Aquatics Program Supervisor – City of Kirkland, WA (40 hours/week)   2023 – Present
- Managed staff of 80 lifeguards responsible for 3 city beaches and 1 public pool
- Led regular meetings and organized weekly trainings in teamwork and water skills

Senior Lifeguard – City of Kirkland, WA (40 hours/week)   2020 – 2022
- Took the lead role in first aid and emergency response situations
- Worked closely with a wide variety of people providing assistance and de-escalating conflicts

Lifeguard – City of Kirkland, WA (40 hours/week)   2018 – 2019

CAMPUS INVOLVEMENT/VOLUNTEER WORK

Cal Poly Security Education Club   2023 – Present
- Perform in hacking challenges and participate in weekly workshops and meetings

Computer Science and Artificial Intelligence Club   2022 – Present
- Engage to bi-weekly project collaborations and engaging in weekly workshops

Athletes for Kids   2019 – 2021
- Mentor to younger students

OTHER ACTIVITIES/AWARDS

Gloria Heier Outstanding Citizenship Award   2021
- Selected by teachers and peers and awarded to a single student at Juanita High School recognizing respect for others, integrity, honesty and inclusiveness