KAI NAKAMURA

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SUMMARY

I'm a passionate double-major student studying computer science and robotics engineering. I am a hardworking team member and a strong leader.

EDUCATION

Worcester Polytechnic Institute | Worcester, MA *Graduating 2025*
- Pursuing bachelor's degree in computer science and bachelor's degree in robotics engineering
- GPA: 4.0

Raisbeck Aviation High School | Tukwila, WA *Graduated 2021*
- Valedictorian of the 2021 Class
- GPA: 4.0

PROFESSIONAL EXPERIENCE

Coding Instructor, iCode | Bellevue, WA *May – August 2022*
- Taught students programming and engineering concepts in week-long classes
- Provided meaningful feedback about class materials and student dynamics in weekly status reports to parents
- Courses taught include:
    > Drone Artificial Intelligence, Lego Robotics, Digital Art, Roblox Game Development, Java Programming, Construct 3 Advanced Game Design

Web Designer, Seattle Sounders Alliance Council | Remote *June – September 2021*
- Redesigned UI for a WordPress website
- Restructured website organization to improve readability and navigation

Web Designer, Seattle Society of Flight Test Engineers | Tukwila, WA *March – July 2018*
- Collaborated with a small group of students to create a custom WordPress website using HTML, CSS, JavaScript, and PHP
- Met biweekly with Boeing Engineers to discuss website development

ACTIVITIES

Lead Programmer, FIRST Robotics Competition Team | Seattle, WA *Sept. 2017 – June 2021*
- Member of Skunk Works Robotics, FRC Team 1983
- Facilitated software development for our team
- Responsible for mentoring new programmers
- Projects worked on:
    > PID Controllers, Motion Profiling, Vision Targeting, Robot Localization, Pure Pursuit Autonomous Pathing, App for Robot State Visualization

SKILLS

Proficient in the following programming languages:

● Java	Advanced		● HTML & CSS	Intermediate
● JavaScript	Advanced		● C++	Beginner
● Python	Advanced		● C	Beginner

Additional Skills:

> Git version control, Vim text editor, Arduino and Raspberry Pi, MATLAB, R (Statistical Computing), Autodesk Inventor, React, Next.js, Public Speaking