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   *Summer 2022 & 2023*
- 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:
  > Vex Robotics, Lego Robotics, Game Design, Drone Artificial Intelligence, Digital Art, Roblox Game Development Java Programming

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, C, C++, Python, JavaScript, TypeScript, HTML & CSS, MATLAB, SQL, R
Additional Skills:
  Git, Vim, Arduino, Raspberry Pi, Linux, Autodesk Inventor, React, Next.js, Public Speaking, WPM: 102