Andrew Wood

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EDUCATION

University of Washington, Seattle   Graduation: 6/2027
Pursuing Bachelors in Computer Science, GPA: 3.92
- Relevant Coursework: Software Design and Implementation (React and Typescript), Data Structures (Java)
- Extracurriculars: Interactive Intelligence – Neuroscience and Machine Learning (Python)

WORK EXPERIENCE

Private Contract Work, Remote (Paid)
Developer, Team of two   7/31/2024 - 8/2/2024
- Designed and programmed a website (https://pastorspickswa.com/) from scratch that displayed a visual of a pdf and allowed users to print and download said pdf.
- **Skills used: HTML, JavaScript, pdf.js, CSS, SDLC**

PERSONAL EXPERIENCE

Robotics Controls Developer, Woodinville High School Robotics Club
FIRST Robotics Challenge, Co-lead Developer   9/2023 - 6/2024
- Programmed Swerve drive and an arm with three degrees of freedom which could pick up and place rings.
- Participated in advocacy—spoke at a school board meeting to expand robotics.
- Competed at Worlds (International) my first year
- GitHub link: https://github.com/FIRSTRoboticsTeam9450/Crescendo2024
- **Skills used: Java, Feedback Control Systems (PID)**

FIRST Tech Challenge, Co-lead Developer   9/2022 - 6/2023
- Coded the autonomous program and used camera feedback to improve robot accuracy by using OpenCV.
- Competed at States my first year
- GitHub link: https://github.com/KCheck25/FtcRobotController/tree/Power-Play-Klaws
- **Skills used: Java, Java OpenCV Library**

AI-Camp, Remote
Product Manager and Developer   6/2022 - 7/2022
- Directed the creation of *Fripen*, an app which used Computer Vision to detect whether the fruit in a picture was ripe or not (for bananas, apples, and blueberries).
- Cleaned and labeled hundreds of images with online tools and coded the "Miscellaneous" page.
- GitHub link: https://github.com/Experance/Fripen-AI
- **Skills used: HTML, JavaScript, Python, Bootstrap CSS, Flask, SerpAPI, Docker, Data Scraping, Data Cleaning**

Personal Projects
Developer
- Quizlet Infinite Flashcard Loop (https://github.com/Experance/Quizlet-Flashcards-Loop)
- HackPNW 2023 Chrome Extension Link Organizer (https://github.com/Experance/PNWHackathon2023)

VOLUNTEERING
- Math Tutoring, High School   9/2022 – 6/2024
- VOL (Volunteer in Outdoor Leadership), Brightwater Summer Camp, Woodinville, WA   7/2023

CERTIFICATES
- Word 2019 Expert - https://www.credly.com/badges/6b0d2ae6-155d-46fe-ba00-fc64003b8d73/public_url
- Excel 2019 Associate - https://www.credly.com/badges/8b39ff7d-18a7-4425-9b86-acd9b8df681e/public_url
- PowerPoint 2019 Associate - https://www.credly.com/badges/7eddc84a-e84d-4a94-b1c0-e82003d5ba93/public_url