

# Alden Cutler

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## WORK EXPERIENCE

### **Boeing** - *Cybersecurity Intern*

April - May 2022

- Alongside a project advisor, developed monitoring software responsible for improved event detection and response on the aircraft's computer system.

### **French American School of Puget Sound** - *Summer Camp Volunteer*

June 2021

- Leveraged my bilingual skills in French and English to teach French to children ages 3-8.

## PROJECTS AND ACTIVITIES

### **ChordStorm** - *Full Stack Developer*

January 2024

- Worked with Flask as backend to integrate OpenAI, Spotify and OpenMeteo APIs into frontend.
- Web application that uses AI, current weather, and previous listening history to recommend new music. Created for WPI's GoatHacks 2024 Hackathon.

### **Redshift Robotics at Seattle Academy** - *Business Team Leader*

September 2020 - June 2022

- Manage budgeting of a well-funded robotics team, communicating with other team leaders to order parts and team gear, plan travel to events and competitions, communicate with sponsors, and organize community outreach events.

### **Cyberpatriot Club at Seattle Academy** - *Debian 10/Ubuntu*

September 2021 - June 2022

- Government-organized Cybersecurity competition in which my team placed second nationally.
- Using root access to a virtual machine, secure it against all possible security threats.

## EDUCATION

### **Worcester Polytechnic Institute**

August 2022 - May 2026

B.S. in Computer Science, Minor in Data Science, 3.61 GPA

### **Seattle Academy of Arts and Sciences**, Graduated June 2022

## SKILLS

### **Technical**

HTML, CSS, JS, React, Git, Node.js, Python, Flask, Pandas, Numpy, R, Object-Oriented Concepts (Java) C/C++, x86 Assembly, Scripting, Algorithms/Data Structures

### **Professional**

Bilingual in French and English  
Work ethic, initiative  
Strong interpersonal skills  
Intuitive, logical thinking  
Effective communication  
Time management  
Organization

## AWARDS

### **Winner (Best Rookie) -**

### **GoatHacks 2024 Hackathon at WPI**

January 2024

### **2nd Place - Oregon State Fair FRC Event (With Redshift Robotics)**

March 2022

### **Dean's List - Worcester Polytechnic Institute**

Fall 2023 - Present