Alex Metzger

University of Washington Dorms
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Incoming first year Computer Science Major at UW's Paul G. Allen School with a passion for applying Machine Learning to solve real world problems. Loves thinking creatively, especially as part of a team.

PROFESSIONAL HISTORY

Private Tutor — *Self Employed*

MAY 2022 - TODAY

Currently providing personalized lessons for 4 students ranging from 4th graders to adults.

This job cultivates adaptability, lesson organization skills, and working well with people.

European Environment Agency — *Intern*

APRIL 2020 - MAY 2022

Team focused on exploring ways to apply Machine Learning to aid environmental policymaking.

Completed 3 projects (Biodiversity, Waterflow and Horizon Scanning) with results used internally by the EEA and externally in 40 countries.

Seattle Music Partners — *Tutor/Volunteer*

SEPTEMBER 2018 - JUNE 2021

Provided affordable music education to elementary school students in Seattle through 1-on-1 lessons.

EDUCATIONAL HISTORY

Bothell High School — *Valedictorian*

AUGUST 2018 - JUNE 2022

Graduated with a 4.0 unweighted GPA after taking advanced courses in Algebra, Statistics, Physics, Chemistry, Programming, Multivariate Calculus, and more. Actively engaged in extracurriculars.

RELEVANT SKILLS

Statistics, Computer Science and Machine Learning Coursera Courses

5+ years coding: problem solving, creativity, projects using JavaScript, Python, PHP, C#; NodeJS, MySQL, etc.

12 years violin: persistence, teamwork, leadership/Concertmaster skills.

2 years teamwork + communication skills from Science Olympiad.

RELATED ACHIEVEMENTS

1st Place in 2 national Machine Learning competitions by Stanford and Southern California Scioly.

1st Place in the Regional and State Computer Science competitions of Washington Science Olympiad.

Allstate and **All Northwest** Orchestras; **Special Recognition** in Seattle Young Artists; **Bronze Medal** in Bach Festival; **Tonkonogui Chamber Music Award**

FAVORITE PROJECT

WIFI RSSI — *Windows App*

Made an App (1500+ downloads, 5/5 star rating) to make it easy to measure the strength of DIY antennas.