

Alex Metzger

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

eKichabi Research – Django Developer

SEPTEMBER 2022 - TODAY

In charge of the USSD application to connect sustenance farmers in Tanzania. Responsible for the Python 3 implementation, security patches, user-auth, and maintenance of the Django server.

Self Employed – Private Tutor

MAY 2022 - TODAY

Currently providing lessons for 8 students ranging from 2nd graders to adults through a self-designed coding curriculum.

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 music education to Seattle elementary schools through one-on-one lessons.

EDUCATIONAL HISTORY

Bothell High School – Valedictorian

AUGUST 2018 - JUNE 2022

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RELEVANT SKILLS

5+ years of full stack development.

Proficient in Python, PHP, C#, NodeJS, MySQL, Java, and JavaScript. Using Express, Django, and FastAPI.

Deployed projects with Glitch, Deta, Hostinger, Hugging Face, Azure ML, Pythonanywhere, ngrok, and Firebase.

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

2 years teamwork + communication skills from Science Olympiad.

RELATED ACHIEVEMENTS

1st Place in 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 (1900+ downloads, 4.3/5 rating) to make it easy to measure the strength of DIY antennas.