






DEVIN VON ARX

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EDUCATION

Lake Oswego High School

 Sep. 2018 – Jun. 2022  Lake Oswego, OR

- GPA: 4.33

PROJECTS

North West Advanced Programming Workshop

- Coded a chess game in Node.js which allowed opponents to play from different computers


Interactive Tutorials for Bit by Bit

- Led a team that made interactive tutorials to teach HTML, CSS, and JavaScript

LEADERSHIP

Computer Programming Club President

Lake Oswego High School

 Sep. 2019 - present  Lake Oswego, OR

- Led computer programming club at high school
- Directed computer programming club at middle school

National Honor Society President

Lake Oswego High School

 Sep. 2021 - present President / Sep. 2020 - Aug. 2021 Vice President

- Coordinated and led service projects for 700 members
- Logged over 500 volunteer service hours throughout high school

Teen Science Alliance Volunteer at OMSI

Oregon Museum of Science and Industry

 Jul. 2019 - Aug. 2019 | July 2020 - Aug. 2020

- Coded in Python a demo of two galaxies colliding
- Presented live demos to members of the public

AWARDS

2021 Oregon and SW Washington Affiliate Honorable Mention in Aspirations in Computing

National Center for Women and Information Technology

- Recognizes and celebrates women's technological abilities

Senior Outstanding Oregon Award

National History Day

- Created a website titled "[Botched Battle Plans at Balaclava: Miscommunication during the Charge of the Light Brigade](#)"

SKILLS

Skills:

JavaScript, HTML/CSS, Python, Java, Adobe Illustrator, Scrum, Vim, Bash, \LaTeX

Interests:

Effective Altruism, Saxophone, Artificial Intelligence

EXPERIENCE

Internship with Professor W. Feng

Portland State University

 Jun. 2021 - Aug. 2021  Portland, OR

- Used machine modeling to identify pedestrians in photos taken at night


Board of Advisors

Bit by Bit Coding

 Aug. 2021 - present

Form and Function Director


Bit by Bit Coding

 Aug. 2020 - Aug. 2021

- Envisioned and built an online educational coding program for middle schoolers
- Created original curriculum to teach HTML, CSS, and JavaScript
- Trained and managed 30 volunteers to teach over 300 students
- Organized and ran all behind the scenes activities: interviewing, marketing, and troubleshooting as necessary

Software Engineer Team Co-lead

Bit by Bit Coding

 Oct. 2020 - Jan. 2021

- Coordinated the development of [interactive tutorials](#) to teach web development

Coding Camp Instructor

Bit by Bit Coding

 Jun. 2019 - Aug. 2021  Lake Oswego, OR

- Created HTML and CSS curriculum for beginner's coding camp
- Created JavaScript curriculum for adv. beginner's coding camp
- Led workshops, led breakout rooms, and provided student instruction

Hebrew School Instructor

Congregation Beth Israel

 May 2017 - present  Lake Oswego, OR

- Assisted senior teacher and independently taught Hebrew in small group sessions

ACTIVITIES

AI Safety Reading Group

Stanford

 Jan. 2021 - Mar. 2021  Palo Alto, CA


Effective Altruism Stanford Summer Program

Stanford Effective Altruism

 Jun. 2020 - Aug. 2020  Palo Alto, CA

Aerial Arts and Juggling

Circus Project

 Aug. 2009 - present (audition troop member since 2017)

- Juggled and performed on lyra, silk, and trapeze