DEVIN VON ARX

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EDUCATION

Lake Oswego High School

📅 Sep. 2018 – Jun. 2022 📍 Lake Oswego, OR

- GPA: 4.25 | 5/5 on AP Computer Science Exam

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 - Mar. 2020 📍 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