

MING FONG

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EXPERIENCE

AI Dynamics, Inc.

Intern

August 2020 – Present

Bellevue, WA

Developed scripts in Python to deploy model building software to AWS EC2 using the Boto3 API

Worked in a small team with a high degree of autonomy

Microsoft Corporation

Software Engineering Intern

June 2019 – August 2019

Redmond, WA

Developed an internal tool for the Windows team with 50+ users using C# and XAML

Collected and analyzed user sentiment and application usage data

Set up SQL database tables with relevant queries and REST APIs

Used agile methodologies with a small team to coordinate workflow and iterative development

Kumon North America, Inc.

Teaching Assistant

October 2018 – June 2019

Renton, WA

Tutored students grades 6-12 in Calculus, Algebra, and English writing

Graded and annotated classwork and homework using standardized notation

EDUCATION

University of California, Berkeley

Bachelor of Arts, Physics and Computer Science

June 2020 – May 2023

Berkeley, CA

Coursework: Intro to Advanced Programming in R (STAT 33B)

Awards: CIE Youth Scholar, SAME Seattle Post Scholar, Soo Yuen Benevolent Association Scholar

Hazen Senior High School

High School Diploma

September 2016 – June 2020

Renton, WA

Cumulative GPA: 4.0 **Rank:** 1/383

SAT: 1560 **SAT Math II:** 800 **SAT Physics:** 800 **AP:** 5 on 12/12 exams

Activities: Math Club (President), Earth Corps (President), Table Tennis Club (Founder, President)

Awards: Math Departmental Achievement Award, Rotary Youth of the Month, YMCA Leadership Award (x2)

PROJECTS

Halite AI Programming Challenge by Two Sigma

June 2020 – September 2020

Ranked in the top 5% out of all 1000+ submissions on the global leaderboard

Implemented creative algorithmic policies in a Python AI to compete in the Halite IV simulation environment

Yearbook 2020

June 2020 – July 2020

Developed a web app for students and graduates to virtually sign yearbooks during the COVID-19 quarantine

Implemented an HTML/CSS/JavaScript client and a Google Firebase backend for image processing and storage

Microsoft Quantum Katas

July 2019 – August 2019

Contributed to the open source Quantum Computing Tutorials through Microsoft's 2019 Hackathon

Designed a Q# task for simulating quantum superposition with integration into Jupyter Notebook and C#

SKILLS

Software Languages
Tools

Python, Java, C#, SQL, HTML/CSS/JavaScript, \LaTeX
Jupyter Notebook, Visual Studio, Eclipse, VS Code, Git

Languages

English, Mandarin, Cantonese, German

Interests

Table Tennis, Tennis, Cycling, Lion Dance