

# MING FONG

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github.com/evilpegasus

## EXPERIENCE

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### 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

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### University of California, Berkeley

*Bachelor of Arts, Physics and Computer Science*

June 2020 – May 2024

*Berkeley, CA*

**Coursework:** Advanced Programming in R (STAT 33B), Quantitative Finance (STAT 198)

**Activities:** Student Association for Applied Statistics (SAAS), Society of Physics Students (SPS)

### 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

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### Halite AI Programming Challenge by Two Sigma

June 2020 – September 2020

Ranked in the top 6% out of all 1100+ 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 250+ students and graduates to virtually sign yearbooks during the 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

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### Software Languages

Python, Java, C#, SQL, HTML/CSS/JavaScript,  $\text{\LaTeX}$

### Tools

Jupyter Notebook, Visual Studio, Eclipse, VS Code, Git

### Languages

English, Mandarin, Cantonese, German

### Interests

Table Tennis, Tennis, Cycling, Lion Dance