

# MING FONG

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## EDUCATION

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**University of California, Berkeley** June 2020 – May 2023  
*Bachelor of Arts, Physics and Computer Science* Berkeley, CA

**Coursework:** Advanced Programming in R, Quantitative Finance

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

**Hazen Senior High School** September 2016 – June 2020  
*High School Diploma* Renton, WA

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

**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)

## EXPERIENCE

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**AI Dynamics, Inc.** August 2020 – Present  
*Intern* Bellevue, WA

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

Wrote unit tests for a variety of platforms including Ubuntu Linux, Windows, and MacOS on AWS Instances

Worked in a small team with a high degree of autonomy

**Microsoft Corporation** June 2019 – August 2019  
*Software Engineering Intern* 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.** October 2018 – June 2019  
*Teaching Assistant* Renton, WA

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

Graded and annotated classwork and homework using standardized notation

## 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

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, L<sup>A</sup>T<sub>E</sub>X

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

**Languages** English, Mandarin, Cantonese, German

**Interests** Table Tennis, Tennis, Cycling, Lion Dance