

MING FONG

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EDUCATION

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

Coursework: Intro to Computer Science, Multivariable Calculus, 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

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

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

Saved hours per iteration by automating the entire testing pipeline for the NeoPulse API 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 to eliminate potential biases

Maintained SQL database tables with relevant queries and REST APIs

Used agile methodologies (scrum) 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

Halite AI Programming Challenge by Two Sigma June 2020 – September 2020

Bronze Medal: Ranked in the top 6% of 1138 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

Can Money Buy Brains? December 2019

A statistical analysis of SAT scores and teacher salaries using numpy, pandas, scikit-learn, and matplotlib

SKILLS

Software Languages Python, R, Java, C#, SQL, HTML/CSS/JavaScript, LaTeX

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

Languages English, Mandarin, Cantonese, German

Interests Table Tennis, Tennis, Cycling, Wushu and Lion Dance