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

Google Trends Financial Modeling　　　　　　　　　　　　　December 2020

Used Google Trends data to predict NASDAQ price movements, earning 42% returns per annum in test data
Implemented EDA, feature engineering, modeling, and backtesting in Python with Pandas, Scikit-learn, NumPy

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

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