

Erin Liao

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Objective

Self-starter seeking a summer internship, making the most of communication skills, self-efficacy, a growth mindset, and most importantly, and eagerness to learn. I'm particularly interested in the importance of math, and its significant role in powering machine learning algorithms for accurate modelling in predictive analytics.

Education

University of California, Berkeley

August 2018 – May 2020 (intended)

B.A. Applied Mathematics, emphasis in Computer Science; Statistics minor

Foothill College

June 2016 – June 2018

A.S. Mathematics, A.A. Economics

Honors Scholar

Relevant Coursework

- CS 61A (Structure and Interpretation of Computer Programs)
- Math 104 (Intro to Real Analysis)
- Math 110 (Linear Algebra)
- Intermediate Software Design in Java
- OOP Methodologies in Java
- OOP Methodologies in C++
- Differential Equations
- Discrete Mathematics & Probability
- Single and Multivariate Calculus

Skills

- Fluency in English; professional proficiency in Mandarin
- Familiarity with Java, C++, Python, R, SQL, and Scheme
- Competency in MS Office Suite (Excel, PowerPoint, Word, Outlook)

Experience

University of California, Berkeley

August 2018 – present

Directed Reading Program

- Paired with graduate student mentor for semester-long independent study projects in mathematics
- Currently studying the multidimensionality and effective representability of complex neural networks

Micro Connectors, Inc.

July 2018 – August 2018

E-Commerce Marketing Specialist

- Work with cross functional teams to understand business needs to plan, prioritize and deliver a user-friendly user experience on the website
- Review, manage and integrate informative content accessibly

Circle K International, Foothill College Chapter

September 2016 – June 2018

President, *Distinguished*

- Presided over weekly general meetings and executive board meetings
- Liaison between school student body, inter-club council, and club board and members
- Coordinated weekly service events within Los Altos/South Bay community

Foothill College

September 2017 – June 2018

Tutor, *Mathematics and Economics*

- Hired by Foothill College based on professor recommendations to mentor fellow students in mathematics and economics

Honors & Activities

- **Dean's List:** Foothill College, Summer 2016 – Fall 2017, Spring 2018
- **Huang Leadership Development Scholarship:** July 2018
- **President's Volunteer Service Award:** 2014, 2015