

Alexander Cho

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EXPERIENCE

UC Berkeley, Berkeley — *Tech Consultant*

SEPTEMBER 2019 – CURRENT

I am currently the tech consultant for a research team working with Honda and the UC Berkeley IEOR department. The team is continuing a live time series machine learning program I have previously built.

Boeing, Huntington Beach — *Intern*

MAY 2017 – AUGUST 2017

I worked at the Boeing Huntington Beach site over a summer with a diverse team of varying role to develop a feedback loop project that used computer vision and mechanical parts in motion.

Sigma Alpha Mu, Berkeley — *Chapter Adviser*

MAY 2019 – CURRENT

As an undergraduate, I was the house manager of a multimillion dollar property overseeing the delegation of maintenance roles and assessing solutions to newly arising problems. Currently, I act as a chapter adviser, supervising major renovations, acting as the main line of communication to the national organization, and overseeing major financial decisions.

EDUCATION

UC Berkeley, B.S. — *Electrical Eng. & Computer Science*

AUG 2015 – MAY 2019

–SCET Certification in Entrepreneurship & Technology

PROJECTS

Smart Columbus Project — *Parking Availability Prediction*

I spearheaded an undergraduate team working on a live-data machine learning program that predicts parking availability with 86% accuracy based on car behavior. I directed roles to members throughout the development process as well as designing the model to transform live data into defined behavior.

PROGRAMMING LANGUAGES

Front-End

HTML

CSS

Javascript

React JSX

Back-End

Python

Java

C

C++

Database

SQL

RELEVANT COURSEWORK

Computer Science

Data Structures

Database Systems

Efficient Algorithms & Intractable Problems

Artificial Intelligence

Machine Learning

Engineering Optimization Models

Electrical Engineering

Designing Information Devices & Systems

Signals and Systems

Mathematics

Discrete Mathematics & Probability Theory

Multivariable Calculus

Linear Algebra & Differential Equations

Mathematical Statistics in Data Science

Other

Principles & Techniques of Data Science

Applied Data Science w/ Venture Applications

Professional Communication