Alexander Cho

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EXPERIENCE

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.

Sigma Alpha Mu, Berkeley — House Manager

May 2017 - August 2018

I was the house manager of a multimillion dollar property overseeing the delegation of maintenance roles and assessing solutions to newly arising problems. In addition, I supervised major renovations as well as acted as the main line of communication to the national organization.

Quant at Berkeley, Berkeley — *Founder & President*

August 2018 - May 2019

I founded and lead the only student organization with a strong focus on quantitative trading that provides an opportunity for education and networking opportunities in the field. In addition, a research team leader exploring newly growing trends in the global economy

EDUCATION

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

AUG 2015 - MAY 2019

-SCET Certification in Entrepreneurship & Technology

PROJECTS

Smart Columbus Project — *Parking Availability Prediction*

I spearheaded an undergraduate team working with Honda on a live-data machine learning algorithm to predict parking availability based on car behavior. I directed roles to members throughout the development process as well as designing the model to transform 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