

Kevin Chang

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2510 Bancroft Way #208, Berkeley, CA 94704

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

BA IN COMPUTER SCIENCE

Aug 2015 - May 2019 (expected)

Major GPA: 3.80

COURSEWORK

- Efficient Algorithms and Intractable Problems
- Introduction to Artificial Intelligence
- Introduction to Machine Learning
- Data Structures
- Structure and Interpretation of Computer Programs
- Machine Structures
- Designing Information Devices and Systems
- Discrete Math and Probability Theory
- Computer Security
- Operating Systems and Systems Programming
- Internet Architecture and Protocols

SKILLS

PROGRAMMING

Languages:

Python • Java • Swift • C • Solidity

Web:

HTML • CSS • Javascript • PHP
React • Bootstrap

Databases:

PostgreSQL • MySQL • MongoDB

Frameworks:

Hadoop • Cascading • Apache Spark

Blockchain Platforms and Frameworks:

Ethereum • Truffle Framework • Tendermint

LINKS

LinkedIn:

<https://www.linkedin.com/in/kchang87/>

GitHub:

<https://github.com/laskdaf/>

<https://github.com/FourthState>

Website:

<https://laskdaf.github.io/>

EXPERIENCE

UBER | SOFTWARE ENGINEERING INTERN

May 2018 – August 2018 | Palo Alto, CA

- Designed a data pipeline that generates explicit regions where user activity associated with points of interests will likely to occur. These regions are used to more accurately determine a rider's pick up and drop off location.

DOCOMO INNOVATIONS | SOFTWARE ENGINEERING INTERN

May 2017 – August 2017 | Palo Alto, CA

- Designed entity extraction evaluation and analysis systems for natural language processing and understanding
- Formulated data processing, data augmentation and feature selection scripts to train supervised neural network classifiers that accurately extract entity relationships

OFFGRID ELECTRIC | ETHEREUM DEVELOPER AND CONSULTANT

May 2017 – August 2017 | San Francisco, CA

- Designed and prototyped decentralized systems on Ethereum to manage physical and monetary resources in microgrid energy networks

APPEX NETWORKS | SOFTWARE ENGINEERING INTERN

May 2016 – Aug 2016 | Milpitas, CA

- Automated testing of content delivery acceleration software and VPN services
- Analyzed performance data on client side delivery speed, latency, and packet loss and wrote performance reports detailing these results
- Designed web portal using PHP and JavaScript on CentOS to enable user account and subscription management functionality

ACADEMIC ORGANIZATIONS

BLOCKCHAIN AT BERKELEY | PRINCIPAL ENGINEER

Jan 2017 – Present | Berkeley, CA

- Implementing Plasma, an off-chain blockchain scaling solution, as a core developer of the group Fourth State
- Fourth State received \$32k in research funding from the Ethereum Foundation
- Consulted and delivered a full stack blockchain application to Qualcomm
- Led team of developers to implement a decentralized and transparent marketplace for Renewable Energy Certificates

PROJECTS

IOS APPS FOR SPECIAL NEEDS STUDENTS | IOS DEVELOPER

June 2016 – Aug 2016 | San Jose, CA

- Led a team that created iOS apps that improve students' behavior and concentration by providing therapeutic and educational stimulation

DECENTRALIZED VOTING | ETHEREUM DEVELOPER

- Created a full stack decentralized voting application on the Ethereum that incentivizes both honest voting and voter participation