

# Kevin Chang

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## EDUCATION

### UNIVERSITY OF CALIFORNIA, BERKELEY

#### BA IN COMPUTER SCIENCE

Aug 2015 - May 2019 (expected)

Major GPA: 3.8

## COURSEWORK

- Data Structures
- Structure and Interpretation of Computer Programs
- Machine Structures
- Designing Information Devices and Systems
- Discrete Math and Probability Theory
- Efficient Algorithms and Intractable Problems
- Introduction to Database Systems
- Introduction to Artificial Intelligence
- Object Oriented Programming
- Advanced Java Programming

## SKILLS

### PROGRAMMING

#### Languages:

Python • Java • Swift • C • Scheme  
C++ • Solidity

#### Web:

HTML • CSS • Javascript • PHP  
React • Bootstrap

#### Databases:

MySQL • SQLite • MongoDB

#### Frameworks:

Apache Spark

#### Blockchain Platforms:

Ethereum • Hyperledger Fabric

## LINKS

#### Website:

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

#### Github:

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

#### LinkedIn:

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

## EXPERIENCE

### 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

- Developed decentralized systems on the Ethereum Blockchain 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 | DEVELOPMENTAL CONSULTANT

Jan 2017 – Present | Berkeley, CA

- Led a development team to implement a decentralized and transparent marketplace for Renewable Energy Certificates (RECs) on the Ethereum Blockchain
- People's choice award at SunCode 2017

## PROJECTS

### IOS APPS FOR SPECIAL NEEDS STUDENTS | IOS DEVELOPER

June 2016 – Aug 2016 | San Jose, CA

- Lead a team that created iOS apps that improves students' behavior and concentration by practicing image and sound association, basic memory, logic, critical thinking, and music

### INDEPENDENT PROJECTS

- Designed an iOS app that allows users to create and subscribe to event schedules using Firebase and GoogleCalendar API
- Created a Wikipedia crawler that attempts to find a path between two Wikipedia articles by only using sequential hyperlinks by implementing a directed breadth-first search approach
- Wrote a sliding block puzzle solver that attempts to efficiently find a sequence of block moves that results in the solution
- Designed networked multiplayer game in Java simulating Disney "Tron" light bikes, including architecture design, APIs, user manual, test plan, and test program