

# Kevin Chang

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## EDUCATION

### UNIVERSITY OF CALIFORNIA, BERKELEY

#### BA IN COMPUTER SCIENCE

Aug 2015 - May 2019 | Berkeley, CA

Major GPA: 3.8

## LINKS

Website:

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

Github:

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

LinkedIn:

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

## 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
- Computer Security
- Object Oriented Programming
- Advanced Java Programming

## SKILLS

### PROGRAMMING

Languages:

Python • Java • Swift • Scheme

C • C++ • Solidity

Web:

HTML • CSS • Javascript

PHP • React • Bootstrap

Databases:

MySQL • SQLite

### Blockchain Platforms

Ethereum • Hyperledger Fabric

## EXPERIENCE

### DOCOMO | SOFTWARE ENGINEERING INTERN

Expected May 2017 – Aug 2017 | Palo Alto, CA

- Developing an entity extraction evaluation and analysis system for natural language processing and natural language understanding.
- Creating machine learning algorithms and neural networks to evaluate the validity of entity relationships.

### OFFGRID ELECTRIC | ETHEREUM DEVELOPER

Expected May 2017 – Aug 2017 | San Francisco, CA

- Developing decentralized systems on Hyperledger Fabric for use in third world countries to manage physical and monetary resources in microgrid energy networks

### APPEX NETWORKS | SOFTWARE ENGINEERING INTERN

May 2016 – Aug 2016 | Milpitas, CA

- Wrote tests to automate 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

## ACADEMIC ORGANIZATIONS AND EXTERNAL PROJECTS

### BLOCKCHAIN AT BERKELEY | DEVELOPMENTAL CONSULTANT

Jan 2017 – Present | Berkeley, CA

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

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

June 2016 – Aug 2016 | San Jose, CA

- Lead a team that created iOS apps to help students practice 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 hyperlinks in the current article. It implements a directed breadth-first search approach
- Designed networked multiplayer game in Java simulating Disney "Tron" light bikes, including architecture design, APIs, user manual, test plan, and test program
- Wrote a sliding block puzzle solver that attempts to efficiently find a sequence of block moves that results in the solution