Kevin Chang

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY
BA in Computer Science
Aug 2015 - May 2019 (expected)
Major GPA: 3.84

COURSEWORK

- Efficient Algorithms and Intractable Problems
- Designing, Visualizing and Understanding Deep Neural Networks
- Introduction to Machine Learning
- Introduction to Artificial Intelligence
- Data Structures
- Cryptography
- Machine Structures
- Designing Information Devices and Systems
- 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