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Christian Toouli

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

EXPERIENCE

San Diego Supercomputer Center, La Jolla, CA **September 2019 – Present**

Researcher | Center for Large-scale Data Systems Research

- Conducting research in blockchain and DLT technologies and their business applications
- Constructing large scale Ethereum networks
- Testing and configuring the networks for optimal performance

American Express, New York, NY

June 2019 – August 2019

Software Engineer Intern | Blockchain Digital Labs

- Developed, implemented and tested scalable solutions for current blockchain use cases at American Express
- Enabled 100,000+ entries to be submitted at once to blockchain use cases
- Technologies used: Hyperledger Fabric, Apache Kafka, Jmeter, MySQL, Node and Typescript
- Winner of 2019 National Intern Hackathon
- Winner of 2019 New York Intern Hackathon

The Coder School, Pleasanton, CA

August 2017 – March 2018

An after school program for students aged 8 - 18 to learn to code

Code Coach

- Taught students the fundamental concepts of Computer Science, C++, Python, Unity, HTML/CSS, Java Script, Java

Dot Slash Computer Science, Fremont, CA

August 2017 – May 2018

Ohlone College's Computer Science club

President

- Led various projects including helping to teach members how to create their own portfolio
- Connected with various companies including Tesla and Twitter, and arranged private tours for the club

EDUCATION

University of California, San Diego, San Diego, CA

Fall 2018 - Spring 2020

- B.A. in Economics; Minor in Computer Science
- Relevant Classes: Advanced Data Structures, Intermediate Microeconomics, Intermediate Macroeconomics, Econometrics, Game Theory, Finance

Ohlone College, Fremont, CA

Fall 2016 - Spring 2018

- A.A. Natural Science: Mathematics and Technology emphasis (GPA: 3.95)
- 30 units in Computer Science courses

PROJECTS

BikeChain (Work in Progress)

React website which allows users to upload their bicycle digitally to be added to a blockchain network

- Once uploaded users are able to transfer their bike between other users
- Developed using React, Cognito and Blockchain on AWS

Campfire

iOS app to help people plan and organize events with their friends and people around them

- Created the website, registration/authentication system, onboarding system, and module to import contacts
- App developed in Swift, used Firebase as the development platform
- On the Apple App Store and used by 150+ users

SKILLS: Javascript, Typescript, Node TS/JS, C++, Swift, Python, HTML/CSS, Git, Tableau, React, MySQL, Hyperledger Fabric, Hyperledger Sawtooth, Apache Kafka, Xcode, Jmeter

ADDITIONAL INFORMATION: US and UK Citizenship – born in the UK, moved to the US in 2010