

RICHARD LIEU

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SUMMARY

I am a Javascript (React/React Native) and Python developer who has successfully built five production level applications while working in a professional environment. My passion for coding took off along with the cryptocurrency market in 2017 when I built a Python trading bot that trades based on statistical analyses of exchange data (<https://github.com/r lieu002/crypto>). I am currently taking machine learning courses to enhance my skills and keep myself challenged while seeking opportunities to be part of a talented team where I can apply my passion and contribute to the long term growth of a company.

SKILLS

- Programming skills: React.js, React Native, Node.js, Javascript, Python, PHP, HTML, CSS, Mysql, Solidity, AWS, GCP
- Proficient in Microsoft Office, conversational in Mandarin

PROFESSIONAL EXPERIENCE

SYNCTREE | Los Angeles, CA

Apr 2019 – Present

Software Engineer

- Collaborated with a Ukranian development team to build a patient diagnostic web app in React.js for a healthcare client
- Developed, implemented, and published (to NPM) an SDK to authenticate users and generate tokens to make API requests
- Implemented and published (to NPM) global navigation modules using Rollup.js and Firebase remote configuration
- Implemented redux-saga middleware framework using Javascript generator functions to process and render back-end data
- Independently implemented and customized WYSIWYG rich text editor using React.js and summernote
- Technologies used: React.js, Firebase remote configuration, NPM, rambda, redux-saga, reselect

THE CHANGE GROUP | Los Angeles, CA

Jul 2018 – Dec 2018

Software Engineer

- Independently learned blockchain programming to implement currency exchange and reward systems for clients
- Created smart contracts in Solidity to deploy onto the Ethereum mainnet and other private blockchain networks
- Developed decentralized applications in ReactJS, React Native, Node and Python to utilize blockchain technology
- Independently built and deployed administrative portals in React.js to allow client access to manage Firebase data
- Developed features in React Native based on design specifications and debugged applications in Xcode and Android Studio
- Implemented Coinmarketcap API using Node.js to collect cryptocurrency information and update application data
- Technologies used: React Native, React.js, Node.js, Python, Solidity, AWS, GCP, Firebase

OTHER PROFESSIONAL EXPERIENCE | *Prior to becoming a software engineer, I worked in the financial services industry*

BRANDLIN & ASSOCIATES | Los Angeles, CA

Sep 2014 – Apr 2017

Senior Consultant

- Initiated and completed development of the website www.brandlin.com to replace company's prior outdated website
- Performed financial due diligence and quality of earnings analyses on target companies for capital sources

PwC | San Francisco, CA

Oct 2009 – Aug 2014

Audit Senior Associate

- Evaluated financial reporting compliance with US GAAP for SEC clients in the financial services and Aerospace industries
- Created project budgets and performed actual to budget analysis for engagement teams to identify possible overruns
- Coached and reviewed work of staff and led status update meetings with managers to keep projects on track

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY | B.A. Economics

May 2009

UNIVERSITY OF CALIFORNIA, LOS ANGELES CODING BOOTCAMP

Feb 2018

- Full-stack, six month program

CERTIFIED PUBLIC ACCOUNTANT

Mar 2012

CERTIFIED IN FINANCIAL FORENSICS

Aug 2016

CFA candidate having passed all three levels of the exam