

# Jeffrey (Zhengfu) Ding

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## Education

### University of California, Los Angeles

Los Angeles, CA

B.S. Computer Science (GPA: 3.451/4.0)

Expected Graduation: June 2021

- Relevant Coursework: Data Structures and Algorithms (CS32), Computer Architecture (CS33), Software Construction Lab (CS35L), Programming with MATLAB (C&EE M20), Multi-Variable Calculus (MATH32), Linear Algebra (MATH33A). Discrete Structures (MATH 61), Accounting (MGMT 1A)
- ACT: 35; SAT: 1560

### Coding Dojo

San Jose, CA

Multi Full-Stack Development

June 2018 – September 2018

- Studied 1000+ hours at 14 week onsite bootcamp focusing on full-stack web/mobile application development in Python (Flask/Django), JavaScript (MEAN), and Swift (iOS)

## Skills

Languages: Java, C/C++, JavaScript, Python, MATLAB, HTML, CSS, SQL, TypeScript, Swift, Shell, x86 Assembly  
Technologies: MySQL, MongoDB, Express.js, Angular, Node.js, Socket.io, AJAX /APIs, Django/Flask, Jasmine, REST, NoSQL, Linux, Emacs, VIM, Git, GitHub, AWS, Bootstrap, jQuery, Mongoose, SQLite

## Selected Projects

**Express Scratch** (<https://bit.ly/2wS2YgB>) (<https://bit.ly/2NVQgog>)

August 18 – August 19, 2018

- 1<sup>st</sup> Place \$3000 Winner of Opportunity Hack – PayPal San Jose 2018
- Rapidly prototyped Web App solution to six-month problem for Non-Profit EARN allowing admin to create Scratch and Win contests, track data analytics, and pay winners instantly to encourage user savings using MongoDB, Express.js, Node.js, PayPal API, and Gyft API. Integrated into EARN's platform.
- Implemented PayPal Payout API which reduced payout time from 1-2 weeks to instantaneous, saving Non-Profit EARN more than \$50,000 annually in third party vendor costs

**Unchained** (<http://18.222.203.74/>)

July 23 – July 27, 2018

- E-Commerce Web App for Peer-2-Peer "HYPEBEAST" brand transactions built using Python's Django MTV Framework, AJAX, SQLite, and deployed on AWS EC2
- Singlehandedly developed client-side back-end
- Led product development and designed database schema

**Investment Tracker SPA** (<http://18.209.104.81/>)

August 20 – August 24, 2018

- Singlehandedly developed full-stack single-page web application for tracking and managing an investment portfolio using MongoDB, Express.js, AngularJS, Node.js, and AlphaVantage API for real-time stock updates and data, deployed on AWS EC2

**ethicalinvestments.club** (<https://bit.ly/2CtECQb>)

December 2017

- Sole Developer for University of Michigan's Student Investment Club Website
- Self-taught front-end web fundamentals HTML, CSS, JavaScript, Bootstrap, jQuery, and MailChimp API
- Self-deployed under custom purchased domain name using AWS S3 and Route 53

## Honors & Awards

**UCLA Achievement Scholarship** - Four-year scholarship awarded to entering freshmen in recognition of academic excellence and financial need. Offered to the highest ranked students who are identified by Undergraduate Admission.

**2017 National Merit Finalist** - Awarded to semi-finalist who submit SAT scores that confirm the earlier PSAT/NMSQT performance, have an outstanding academic record, and are endorsed and recommended by a high school official.

**2016-2017 SEC All-Academic Team** - Awarded for excellence in high school academics and performance on the Michigan Student Test of Educational Progress (M-STEP)

**2016 Pioneer High School Varsity Water Polo Team Captain and Most Dedicated** – As voted by my peers, Starting Center Defender for East Region Champions and 4<sup>th</sup> Place State Finals Finish