

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

Skills

Languages: JavaScript, Python, Swift, Java, C/C++, MATLAB, HTML, CSS, SQL, TypeScript

Technologies: MySQL, MongoDB, Express.js, Angular, Node.js, Socket.io, AJAX /APIs, Django/Flask, Jasmine, REST, NoSQL, Linux, Git/GitHub, AWS, Bootstrap, jQuery, Mongoose, SQLite

Experience

UCLA IIIT Research Theme

Los Angeles, CA

Student Researcher

October 2018 - Present

- Sole developer of UCLA Immunology, Inflammation, Infection, and Transplantation website

MoneyThink

Los Angeles, CA

Head of Technology

October 2018 – Present

- Researching and developing new ways to teach financial education using technology
- Mentoring underprivileged high schoolers in financial literacy

Selected Projects

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

August 18 – August 19, 2018

- 1st Place \$3000 Winner of Opportunity Hack – PayPal San Jose 2018
- Rapidly prototyped Web App solution to six-month problem for Non-Profit EARN allowing administrators to create Scratch and Win contests, track data analytics, and pay winners instantly in order to encourage EARN's 100,000+ users to save money.
- Built using MongoDB, Express.js, Node.js, PayPal API, and Gyft API and 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 "HYPERBEAST" brand transactions built using Python's Django MTV Framework, AJAX, and 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, and deployed on AWS EC2

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.