Daniel Andrews

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EDUCATION

University of California, Berkeley   **Cumulative GPA: 3.7**
Bachelor of Science Electrical Engineering & Computer Science, College of Engineering   *Expected: May 2020*
Relevant Coursework: Structure and Interpretation of Computer Programs, Data Structures, Discrete Mathematics & Probability Theory, Algorithms, Data Science Techniques, Artificial Intelligence, Computer Security, Computer Architecture, Operating Systems

Alexander Hamilton High School   **Cumulative GPA: 4.8**
Achievements: Valedictorian of class of over 700 students, passed nineteen AP tests taken, received a 35 on ACT   *August 2012 - June 2016*

PROFESSIONAL EXPERIENCE

PayPal   **San Jose, CA**
Software Engineering Intern   *May 2018 – August 2018*
- Designed and developed an onboarding experience for PayPal's unified SDK using a live code preview, which doubled as an E2E test tool
- Recreated part of the frontend checkout experience in ReactJS, Redux, and NodeJS, dramatically increasing performance of key features

QuartzMasters   **Berkeley, CA**
Contractor   *November 2017 – April 2018*
- Led a team of developers and a designer to create a cross platform mobile app for international tile company to use with its customers
- Ensured deliverable timelines were met by scheduling daily standups with the team and sourcing resources for the developers

Troop   **Santa Monica, CA**
Software Engineering Intern   *May 2017 – December 2017*
- Built several custom WordPress themes in PHP, HTML, JQuery, and SASS to build all of the landing pages for the app's website and ICO
- Created website with full cross-platform capability, made mobile responsive, and incorporated dynamic animations and transitions
- Programmed the End-To-End testing to automatically use the web app and report bugs using Node.js, Protractor, and Selenium web driver

Toot   **Marina del Rey, CA**
Software Engineering Intern   *June 2016 – August 2016*
- Used Wit.ai and Twilio to build a chatbot that guides the user through the sign-up process to facilitate a connection with a tutor
- Created the databases, APIs, and storage for tutoring over text service with AWS tools, such as EC2, S3, DynamoDB, and API Gateway
- Designed and constructed user experience elements, such as the onboarding funnel and the logic flow for text notification routing

LEADERSHIP & EXTRACURRICULAR

Mobile Developers at Berkeley   **Berkeley, CA**
Director of Development   *January 2017 – Present*
- Coordinated ideations, design process, execution strategy and viability of product for members to maximize impact over course of semester
- Created four apps in five weeks, including a name guessing trivia game, a Pokedex, an event planning social network app, and a weather app
- Manage a budget of $40,000 per year to plan membership socials, events, and retreats, as well as purchasing branded apparel and merchandise

Money 20/20   **Berkeley, CA**
Prize Winner   *October 2017*
- Created FacePay, a Point-of-Service kiosk for handling transactions, menus, and recommendations in restaurants using facial recognition
- Won award from Visa for showcasing our end-to-end iPad checkout experience and complementary web administrative portal

Cal Hacks 4.0   **Berkeley, CA**
Prize Winner   *October 2017*
- Created Omada, a group investment platform, along with three other participants in 36 hours and presented to a panel of judges and peers
- Won the BlackRock API award for best use of BlackRock's financial data hackathon API and selected as top 10 hack by Microsoft
- Built Omada's backend API, database infrastructure, and server routing using BlackRock's API, MongoDB, Flask, Azure, and Python

PROJECTS

YearBook   **Berkeley, CA**
Founder / CEO   *March 2017 – April 2018*
- YearBook is a real time yearbook for preschools. It facilitates parent-teacher interaction and media sharing within classrooms and schools
- Led feature planning and development for the business, and took through FreeVentures and pitched to Sequoia, KPCB, GC, and CRV
- Created dynamic UI using Swift including onboarding pages, calendar views, multiple ways to view and share photos, as well as pages for groups
- Used Firebase to store user information, photos, and groups in the cloud to allow for cross-platform functionality with Android and iOS
- Built the web portal using Firebase, ExpressJS, AngularJS, and NodeJS for teacher administrative functionality and web-based viewing

Resume Generator   **Santa Monica, CA**
Co-creator   *December 2016 – Present*
- Created the web app http://www.buildresu.me/ that creates custom resumes based on form input from users with over 400 resumes created
- Programmed the backend of the app in Node.js, which dynamically crafts the resume as a pdf file from a JSON input using PDFKit

SKILLS & INTERESTS

Skills: Swift , Python (Flask, Django), JavaScript (ReactJS,Node.js, jQuery), HTML, CSS, Java, Scheme, SQL, C#, Adobe Creative Suite, Scrum
Affiliations: Alpha Epsilon Pi, Mobile Developers of Berkeley, The House, Free Ventures, Build The Future, Crypto for Charity