

Andre Chris Danao Abad

Full-Stack Software Engineer | Web Developer

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EDUCATION

App Academy, *Full Stack Software Engineering Program*

January 2023 - July 2023

University of California Irvine, *Bachelor of Arts in Psychology*

SKILLS

Front-end: React.js, Redux, JavaScript, HTML, CSS, SASS,

Back-end: Node.js, Express, SQL, Python, Flask, SQLAlchemy, Sequelize, MySQL

Expertise: Agile, Algorithms, Chrome Dev Tools, Data Structures, Debugging, Git, Kanban, Object Oriented Programming (OOP), Paired Programming, Rest APIs, SCRUM, System Architecture, Test Driven Development

WORK EXPERIENCE

Full Stack Developer Intern - React | Nodejs | Redux | Material-UI | Duckdb-wasm

August 2023 - Present

Hack For LA

- Leveraged **Node.js** to seamlessly integrate BackstopJS, a visual regression testing package, into our existing codebase, improving the Continuous Integration/Continuous Deployment (CI/CD) pipeline by 20% for **frontend development**.
- Spearheaded an initiative to create intuitive data visualizations for 311 Data, making complex information accessible to non-technical stakeholders and enhancing project understanding and decision-making using **React**, **Redux** and **Node.js**
- Effectively utilized **GitHub** tickets to manage and resolve project issues, ensuring smooth development and issue tracking.
- Implemented map link bookmarking with preconfigured parameters, **optimizing** map initialization through query string integration with **React** router improving user experience
- Enhanced** data loading efficiency from **Redux** by selectively filtering data based on user-defined variables.

Web Developer - Shopify | Thinkific | Zapier

August 2023 - Present

Little Justice Leaders

- Collaborated on the integration of Shopify and Thinkific using Zapier, resulting in automated account generation immediately after users purchased a subscription

PROJECTS & OUTSIDE EXPERIENCE

Payme, *Full Stack Developer* - React | Flask | Redux | PostgreSQL | SQLAlchemy

[Live](#) | [GitHub Repo](#)

PayMe is an app where users can send and receive transactions

- Improved social functionality of Venmo by implementing new features such as a budget creator, groups, and finance tracker further promoting it's usage as a social platform
- Developed a robust and efficient database schema from scratch for the application using a **SQLAlchemy ORM** to interact with a **PostgreSQL** database, ensuring optimal data organization and retrieval performance
- Analyzed user transaction data and integrated Chart.js to illustrate balance fluctuations over time and highlight primary spending categories, providing users with a comprehensive financial overview.

JumpStarter, *Full Stack Developer* - React | Flask | Redux | PostgreSQL | SQLAlchemy

[Live](#) | [GitHub Repo](#)

JumpStarter is a Kickstarter Clone where users can create projects that they want to get funded

- Implemented **AWS S3** bucket integration to **enhance** image management within the application, ensuring long-term image availability by eliminating the risk of URL takedowns
- Collaborated with a team of three developers, engaged in agile development practices, code reviews, and version control using Git, ensuring efficient project coordination within a week of assignment
- Led database schema design and Redux store shape design to establish and promote best practices for scalability

Vacor, *Full Stack Developer* - React | Express | Redux | PostgreSQL | Sequelize

[Live](#) | [GitHub Repo](#)

Vacor is an Airbnb clone which showcases homes that users can stay at

- Employed a test-driven development environment using **Postman** to design and execute custom unit tests for **RESTful API**, validations, and error handling, and **Chrome Dev** Tools for testing, debugging, and development.

Registered Behavior Technician

Sept 2020 - July 2022

ABA Therapy Partners, Center for Social Dynamics, Advanced Behavioral Health Inc.

- Identified trends and patterns of a client's behavior and adjusted their behavior plan accordingly to assure client is on track, resulting in fewer disruptions during therapy sessions
- Built strong relationships with clients and their parents to enhance and improve ABA therapy, as well as increase client retention rates by 10%
- Utilized fields of play therapy, occupational therapy and behavioral therapy on children with developmental, neurological and communicative disorders to allow them to be more independent in the future

Research Intern

September 2021 - December 2021

Children and Screens: Institute of Digital Media and Child Development

- Collaborated with postdoctoral project coordinators on their scholarly publications and grants relating to recent retreats on digital media's effects on brain development and mental health
- Organized over 300+ articles within the database, significantly reducing search time

Circle of Fifths at UCI, Irvine CA*President, June 2020- December 2020**Treasurer, June 2019- June 2020*

- Coordinated and directed organization through formal and informal operations including board meetings, rehearsals, socials, and performances
- Developed quarterly goals and assessed the strengths and weaknesses of the organization
- Communicated with members of the organization to ensure that everyone is heard
- Created quarterly assessments and interviewed members for valuable input
- Transitioned in-person concerts to virtual covers to accommodate online schooling