

# Aurora Ignacio

## SOFTWARE ENGINEER

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Aside from being a software engineer, I am currently a passionate leader and team player at a local Dairy Queen and Chick-fil-A restaurant. Prior to my career pivot, I was an Operations Analyst specializing in speech analytics for customer acquisition & retention focused sales centers. My goal in the tech space is to build and contribute to applications for an organization that is centered on making a positive impact on their consumer base.

**TECHNICAL SKILLS** • JavaScript • Python • React / Redux • Flask • Express • SQL • SQLAlchemy • Sequelize

**RELEVANT SKILLS** • Speech Analytics • Data Analysis • Customer Service • Sales Operations

## PROJECTS

**KEEPING UP** | [GitHub](#) | [Live](#)

Flask • React / Redux • AWS S3 • CSS3

A to-do list application inspired by Instagram, where users can post lists, cross off items in their lists, and build a following.

- Utilized AWS S3 to implement profile and list image uploads allowing for reliable image rendering and scalability
- Applied Levenshtein distance equation for sorting string data in order to display most relevant search results first
- Implemented inline CSS styling and DRY principles to dynamically and efficiently showcase individual list styles
- Incorporated CSS media queries for dynamic resizing of the application's navigation and search components
- Leveraged React's combined reducers architecture to unilaterally update multiple global state values with a single CRUD action, minimizing unnecessary re-rendering of components and unpredictable race conditions

**SPLITSMAST** | [GitHub](#) | [Live](#)

Flask • React / Redux • CSS3

A Splitwise clone where users can add friends, charge expenses to multiple friends, and settle up IOU's in minimal payments.

- Adhered to Git workflow best practices to ensure proper code review and integration within development team
- Formulated minimal API routes to optimally update several database tables in order to maintain financial integrity
- Utilized CSS animation frames for a dynamic landing page mimicking the real Splitwise website
- Employed DOM event listeners to expand / collapse information for an seamless, interactive user experience

**SPOTSURFING** | [GitHub](#) | [Live](#)

Express • React / Redux • CSS3

An AirBnB clone where users can add spots to their profile, book other spots, and post ratings and reviews.

- Implemented SRP by storing Express validation middlewares in a single JavaScript file for seamless scalability
- Leveraged Sequelize built-in and custom model validators to display descriptive error messages to the user
- Constructed React container components to DRY up repetitive components and optimize global state management

## EXPERIENCE

**SHIFT LEAD** • Dairy Queen • Cypress, CA

06/2016 – Present

- Increased gross sales to \$4k+ per day, while maintaining high standards of product quality, customer satisfaction
- Cultivated a steady-paced, collaborative environment, reducing speed of service to less than 5 mins. per customer
- Facilitated change in ownership and developed new-hire training processes in order to reduce employee attrition

**OPERATIONS ANALYST** • Centerfield Media • Los Angeles, CA

05/2021 – 06/2023

- Leveraged Iterable API to routinely dispatch marketing data to multiple internal teams, saving 5+ hrs. per week
- Performed data analyses via Python and SQL on employee / customer interactions and sales performance metrics
- Designed Python scripts to automatically track progress on initiatives driving behavioral change of employees
- Researched documentation to debug and improve a critical ETL pipeline involving SQL and Python scripts
- Collaborated with Data Warehousing, Engineering, Product teams to automate Quality Assurance platform by 52%

## EDUCATION

**APP ACADEMY** • Full Stack Web Development

09/2022 – 09/2023

888-hour intensive course, covering topics such as SQL, Python, JavaScript, TDD, OOP, algorithms, and coding best practices

**UNIVERSITY OF CALIFORNIA, LOS ANGELES** • B.S. Applied Mathematics, Minor in Statistics

09/2017 – 03/2021

Curriculum Highlights: Python with Applications (NumPy, Pandas, PyQt) • Probabilistic Decision Making (Python) • Discrete Structures • Graph Theory • Computational Statistics (R) • Computation and Optimization for Statistics (R)