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 meaningful 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 • SQLAlchemy • 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.
- Implemented profile and list image uploading via AWS S3 to allow for reliable image rendering and scalability
- Designed search bar utilizing HTML/CSS and Levenshtein distance equation to display results sorted by relevance
- Updated multiple global state values with singular CRUD actions by leveraging Redux's combined reducer architecture to minimize unnecessary re-rendering of components and unpredictable race conditions
- Incorporated dynamic resizing and reformatting of navigation bar and search bar components with CSS media queries in order to mimic Instagram's website

SPLITSMART | [GitHub] | [Live]   *Flask • SQLAlchemy • React / Redux • AWS S3 • CSS3*

A Splitwise clone where users can add friends, charge expenses to multiple friends, and settle up IOU's in minimal payments.
- Effectively deployed MVP with a distributed team by adhering to Git workflow best practices to ensure proper code review and accurate integration of separate feature branches into the main codebase
- Formed dynamic landing page utilizing CSS animation frames in order to mimic Splitwise's website
- Built expandable/collapsable React components with DOM click event listeners and event propagation to create a seamless, interactive user experience

SPOTSURFING | [GitHub] | [Live]   *Express • Sequelize • React / Redux • CSS3*

An AirBnB clone where users can add spots to their profile, book other spots, and post ratings and reviews.
- Utilized custom and built-in model validators with Sequelize to display descriptive error messages informing users of invalid inputs and to maintain the integrity of the database
- Practiced SRP by storing Express validation middlewares in a single JavaScript file for efficient future development

EXPERIENCE

SHIFT LEAD • *Dairy Queen* • Cypress, CA   **06/2016 – Present**
- Boosted 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
- Developed improved new-hire training processes in order to reduce employee attrition to less than 10%

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
- Formulated Python scripts to automatically track progress on initiatives driving behavioral change of employees, streamlining communication among 4 departments and reducing workload by 50%
- 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)