

Celeste Winterton

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[Portfolio](#)

[LinkedIn](#)

[Github](#)

SKILLS

React, Redux, Node.js, JavaScript, Python, Flask, Docker, SQLAlchemy, PostgreSQL, Sequelize, SQL, Express.js, Heroku, Git HTML5, CSS3, Excel

PROJECTS

Coinblock, a simulated crypto trading platform inspired by Coinbase

[live](#) | [github](#)

React, Redux, Javascript, Python, Flask, SQLAlchemy, PostgreSQL, Docker, HTML, CSS

- Integrated crypto price data from the CoinGecko API and latest news articles from CryptoCompare API with fewer requests, thereby avoiding API limits and providing the user with an uninterrupted experience
- Built a responsive line chart on Recharts with date-fns for timestamp conversions by leveraging backend models and routes to handle portfolio calculations and create user balance history.
- Developed trading functionality with error validations to account for user balance, and to update user balances over time when a transaction GET request was made

Chatter, a live-chat application clone of Slack

[live](#) | [github](#)

React, Redux, Javascript, Python, Flask, SQLAlchemy, PostgreSQL, Docker, HTML, CSS

- Collaborated on a team of four engineers, utilizing an efficient git workflow with rebasing, almost entirely avoiding merge conflicts throughout the development process
- Explored multiple methodologies for creating a multi-select autofill search field to mimic Slack's group message feature. After testing each one, decided on the Downshift library to implement this feature with success
- Built a normalized Redux store to optimize performance, reduce backend server load, and handle state changes.
- Used Socket.IO with all CRUD features for real-time updates across the application

Guestly, an events website for wedding planning and RSVPs

[live](#) | [github](#)

React, Redux, Javascript, Node.js, Express, PostgreSQL, Sequelize, HTML, CSS

- Developed full CRUD functionality for events and RSVPs with conditional rendering of React components depending on if the user was a guest or planner for any particular event (ex. Guestlist for planners, RSVP options for guests)
- Implemented a dynamic search without the use of any external packages and allowed users to also search for events by sifting through a calendar
- Utilized Figma for wireframing and design decisions

PROFESSIONAL EXPERIENCE

Senior Financial Analyst / GM Optimization Lead

Intel Corporation, Cost and Inventory Center of Excellence

Aug 2020 - Feb 2022

- Led the near-term forecast and substantively challenged teams to meet aggressive goals to improve gross margin compared to prior forecasts or trends
- Improved inventory reserves risk assessments through dynamic calculations, transitioning from point to range-based estimates, and establishing biweekly reviews to drive action plans. This mitigated financial impacts, saving ~\$25M per quarter; received award for spearheading this initiative
- Performed NPVs, cost-benefit analysis and proactively identified emerging risk items and created working groups with stakeholders to drive discussions on redesign, deals, and build strategy. Resulted in cumulative risk mitigation of \$100M+

Finance Business Analyst, Silicon Photonics Products

Intel Corporation, Silicon Photonics Products Division

Feb 2019 - Aug 2020

- Created a Power BI dashboard to automate reporting and show real-time OpEx spending. This provided the group with immediate access to financials and saved about ~50 hours per quarter in FP&A work
- Met aggressive profitability targets through closely managed factory spending and cross-functional business partnership, resulting in \$50M+ spending reductions

EDUCATION

AppAcademy

Graduated July, 2022

Full stack software engineering immersive program (See projects above)

California State University, Sacramento

Graduated May, 2018

Bachelors in Economics

- 2018 Award for Outstanding Community Engagement
- 2018 Adam Smith Award for Best Undergraduate Economics Research Paper (entitled "The Underrepresentation of Women in Chief Executive Appointments")