

# John Jaeyoung Lee

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Pomona, CA

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

## Skills

Python, Flask, SQLAlchemy, PostgreSQL, JavaScript, React / Redux, Node.js, Express, Sequelize, HTML5 / CSS3

## Experience

**Cohort Instructional Assistant** | App Academy | January 2023 - March 2023

- Accompanied and managed a group of 100+ students as they progressed through the App Academy curriculum while cultivating a culture of interpersonal harmony and clear communication.
- Presented 25+ unique lectures regarding both technical knowledge and student experience, speaking on topics ranging from growth-mindset learning to closures and recursion in JavaScript.
- Maintained constant communication with instructional team members to ensure clear expectations amongst students with regards to course materials and assessments.

**Junior Instructional Assistant** | App Academy | March 2022 - January 2023

- Assisted students throughout App Academy's Python and Microservices module, regularly debugging backend Python and frontend JavaScript code of a wide range of skill levels.
- Provided lectures on such topics as the union of React / Redux with a Flask-SQLAlchemy backend and effective use of Redux in full-stack application design.
- Regularly lead groups of up to 4 students as project manager for their group projects, overseeing design choices, progress, deadlines, and group communication and dynamics.

## Projects

### Alter Self

[live site](#)

JavaScript, Python, React / Redux, Styled Components, SQLAlchemy, Flask, Alembic, WTForms

*A stylish single-page Dungeons and Dragons character manager.*

- Integrated an AWS bucket to allow users to directly upload portraits for character sheets in order to offload strain from the application's database.
- Implemented auto-save on data change through use of React's useEffect hook and Redux with debouncing to prevent a multitude of successive database requests.
- Combined conditional CSS application and React's useRef and useEffect hooks to generate both a sequenced and randomized fade-in effect in several components for visual impact.

### Loot Locker

[live site](#)

JavaScript, Python, React / Redux, Styled Components, SQLAlchemy, Flask, Alembic, WTForms

*An Etsy clone themed around items and doodads from various video games. Collaborative.*

- Worked as a team with 3 other developers, seeking to ensure clean Git practices with use of feature branches, pull request reviews, and thorough communication to avoid merge conflicts and live bugs.
- Built a custom stars rating React component for use with the site's rating system, utilizing event listeners and CSS manipulation to achieve a smooth "sliding" effect on hover.
- Made use of the "search" property of the URL interface to provide the user with a history of their in-site queries to enable users to navigate back to past searches.

## Education

**App Academy** | Spring 2022 | Remote

1000-hour immersive software development bootcamp with <3% acceptance rate that emphasized pair programming and agile workflow in acquisition of both front- and backend development tools.

**Occidental College** | Spring 2015 | Los Angeles, CA

BA in English and Comparative Literary Studies