

# Jaewon Joshua Lee

(732) 754-3586   jaewon.lee630@gmail.com   [Portfolio](#)   [LinkedIn](#)   [Github](#)   North NJ Area

**Skills**   JavaScript, Node.js/Express, React.js, Redux.js, Python, Flask, HTML5, CSS3, Git, socket.io, PostgreSQL, SQLAlchemy

## Projects

**Marketplace Live Auction** (JavaScript, React / Redux, Python, Flask, SQLAlchemy, socket.io, HTML5, CSS)

[Live Site](#) | [Github](#)

*Combination of Facebook Marketplace and AuctionZip Live Auction*

- Implemented custom-labeled WebSocket broadcast to allow live updates of Auctions, Bids, and chat messages
- Utilized React-Countdown package and nested callback functions to run simultaneous timed auctions
- Integrated boto3 and the AWS API to upload user Item images onto a project-specific S3 bucket
- Wrote frontend function to generate demo Auctions scheduled for the immediate future in lieu of static seeders in database entries, ensuring a closer approximation of live app functionality and auction experience
- Created a 'gamified' marketplace environment facilitating user engagement and participation, with a Flask API to access, update, and remove auction data stored in a SQLAlchemy database, rendered in React.js

**EveryNote** (JavaScript, React / Redux, Python, Flask, SQLAlchemy, HTML5, CSS)

[Live Site](#) | [Github](#)

*Evernote Clone, Group Project*

- Collaborated with four team members and defined project scope, daily milestones to create a fully functioning note taking productivity app; exceeded deadline of one-week turnaround on assignment
- Designed representational model of many-to-many relationships of user data calculated from Redux stores, allowing the app to easily reference relationships between user Notes and user Tags while significantly reducing amount of required database queries and backend load
- Oversaw daily standup meetings for mass git merges of individual repositories, preventing excessive git conflict issues and streamlining project progression

**Party Down!** (JavaScript, Node.js, Express, React / Redux, Sequelize, HTML5, CSS)

[Live Site](#) | [Github](#)

*Meetup.com Clone with Express backend, React frontend*

- Successfully employed API design documentation and wireframes to recreate target website, with an Express.js API to manage fetch requests to store, update, and delete user-specific Groups, Events, and Memberships
- Leveraged Sequelize as well as useEffect hooks in React.js to dynamically maintain site date, limit site renders and database requests, and streamline site experience
- Replicated CSS design of original site with self-designed parody imagery

## Experience

Securview Inc

**Network Engineer**

Sept 2017 - Sept 2022

- Executed a global firewall refresh project for investment banking client, overseeing a 10 member consultant team for the decommissioning of EOL hardware and seamless deployment and upgrade of new state-of-the-art firewalls in 300+ sites across AMER, EU, and APAC regions over a span of three years
- Documented and presented client internal protocol to internal team to ensure adherence to best practices in data containment, confidentiality, as well as navigating client proprietary ticketing systems
- Assisted in month-long trial POCs (Proof of Concept) to install and demonstrate security capabilities of Cisco technologies, promoting increased network visibility, incident prevention, and reducing client Mean Time to Detect within the client environment

Starr Education Services

**Placement Officer**

Jun 2014 - May 2017

- Oversaw the admissions process to U.S private boarding schools for 50+ native Korean, Korean American, and expatriate students, ensuring acceptance into prestigious educational institutions
- Managed the academic careers of the 100+ client student roster through long-term communication with parents and boarding school faculty, monitoring academic progress and ensuring the safety, cultural adjustment, and personal development of all students.
- Trained students in admissions interview skills, as well as English literacy/standardized testing (TOEFL, ISEE, SSAT, ACT, SAT), with an average 15% increase in practice test scores in a six-month period

## Education

**App Academy**

Jan 2023 - July 2023

Immersive software development course with focus on full stack web development.

**Rutgers University**

*Bachelor of Arts in English*

Sept 2007 - May 2011