

# Danny Yu | Software Engineer

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Software Engineer with skills in JavaScript, HTML5, CSS3, Python, and other libraries and frameworks. Generated over \$200,000 in monthly bound new business premiums and mentored 5+ new hires as an insurance underwriter. Always driven to make a difference and contribute to the success of the company.

## SKILLS

- **Languages:** JavaScript, HTML5, CSS3, Python, SQL, Mongo, Typescript
- **Databases:** PostgreSQL, MongoDB, AWS, Azure
- **Tools and Other:** RESTful Routing, JSON API, Node.js, Docker, Git, Github
- **Libraries/Frameworks:** React, Express.js, Bootstrap, Redux, SASS, Django, Panda, Numpy, PyTorch, TensorFlow

## PROJECTS

**Daily Drip** | [GitHub](#) | [Website](#) | React, Axios, Django, PostgreSQL, Redux, Bootstrap (12/2022 – 12/2022)

*Daily water usage tracker and dashboard. The Way of Water.*

- Contributed to the development of a responsive web app to help individuals understand water stress and scarcity and to track water usage to be more sustainable.
- Utilized React.js, Redux Toolkit, Chart2.js Django, Python, and other libraries/frameworks to create a seamless user experience with 3 different data visuals.
- Worked with a team of software engineers and an environmental expert to ensure the app accurately reflects the latest research on water conservation for the Power to Fly 1-day Hackathon.

**Better Reddit** | [GitHub](#) | [Website](#) | React, Axios, Express, Django, PostgreSQL (11/2022 – 12/2022)

*We recreated Reddit, but butter with bread.*

- Built a full stack social media application with user authentication in 7 days with an Agile Methodology.
- Ensured password security with Argon2ID (winner of the 2015 Password Hashing Competition).
- Developed features such as a search bar, Live Chat, custom profiles, dark mode, and more.
- Practiced a Feature Branch Workflow as SCRUM master in a team of 10 to streamline new features and minimize merge conflicts with over 600 commits.

**My Space** | [GitHub](#) | [Website](#) | MongoDB, Express, React, Node, Axios (11/2022 – 11/2022)

*E-Commerce Website for Celestial Objects*

- Utilized a MERN stack to build a full-stack application in 5 days with complete create, read, update, delete (CRUD) operations.
- Tested all 7 RESTful API calls using Postman to ensure functionality and deployed with Railway and Atlas MongoDB.
- Secured User Authentication with JWT Tokens and passwords are hashed with Bcrypt.
- Implemented a Centralized Workflow Git control with a team of 5 during the production of the application with frequent commits until deployment.

## PROFESSIONAL EXPERIENCE

**Commercial Line Underwriter** | **USI** | Staten Island, NY/Remote (07/2019 – 07/2022)

- Administered an extensive list of over 20 different types of clients from daycares to manufacturers
- Studied over 15+ carriers to maximize coverage for the client and profit for the companies.
- Coordinated with internal teams to sell multiple coverages to increase profit by 20%.

**Commercial Line Underwriter** | **Regency Insurance Brokerage Services** | Staten Island, NY (07/2015 - 07/2019)

- Generated \$200,000+ monthly bound new business premium for the company.
- Designed over 4+ manuals, documents, and procedures to streamline training new hires and quoting accounts.
- Mentored over 5+ assistants on company procedures and carrier guidelines.
- Innovated the team's monthly data and marketing pamphlets for presentations, meetings, and conventions.

## EDUCATION

**General Assembly, Software Engineering Immersive** | New York, NY (09/2022 - 12/2022)

**John Jay of Criminal Justice College**, Forensic Science, B.S. | New York, NY