

# Danny Yu | Software Engineer

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## TECHNICAL SKILLS

- **Languages:** JavaScript, HTML, HTML5, CSS, CSS3, Python, SQL, Mongo, Typescript, Java
- **Databases:** PostgreSQL, MySQL, MongoDB, AWS EC2
- **Tools and Other:** Agile, Scrum, REST APIs, JSON, OOD/OOP, Docker, Git, Github, Node.js, AWS ECS
- **Libraries/Frameworks:** Axios, React.js, Express.js, React-Bootstrap, Bootstrap, Redux, Chart2.js, SASS, PeeWee, Flask, Django, Panda, Numpy, PyTorch

## PROJECTS

**Daily Drip** | [GitHub](#) | [Website](#) | React, Django, PostgreSQL, Redux, React-Bootstrap, Javascript, Python 12/2022 – 12/2022  
*Daily water usage tracker and dashboard. The Way of Water.*

- Contributed to developing a responsive web app to help individuals understand water stress and scarcity and 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 24-hour Hackathon.

**Better Reddit** | [GitHub](#) | [Website](#) | React, Express, Django, PostgreSQL, Javascript, Python 11/2022 – 12/2022  
*We recreated Reddit, but better 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 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.
- Acted as Scrum Master on a 5-person team, resulting in a 50% increase in user engagement using Scrum methodologies, daily stand-ups, and clear communication.

## PROFESSIONAL EXPERIENCE

**Teaching Assistant | General Assembly** | New York, NY 01/2023 – Present

- Weekly meetings with course staff to discuss students' needs, concerns, and improvements.
- Explored additional concepts with students on topics not included in the syllabus
- Held debugging sessions for a class of 25+ students.

**Commercial Line Underwriter | USI** | Staten Island, NY 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 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.

## 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