

Konny Guo

konnyguo@gmail.com | github.com/KonnyGuo |
linkedin.com/in/konny-guo | [Personal portfolio](#)

EDUCATION

COOP Careers — Data Analytics Fellow (Cohort 397)

Feb 2024 – Jun 2024

Skidmore College — B.A in Computer Science

Graduated May 2023

- **Cumulative GPA 3.56/4.0** | Honors in Cum Laude & Dean's List Recipient
 - **Relevant Coursework:** CS-226 Software Design, MA-215 Intro to Proof, CS-206 Intro to Computer Science II, CS-230 Programming Languages, CS-305 Algorithms, CS-376A Database Systems

EXPERIENCE

PROGRAM EQUITY

New York, NY

Full Stack Software Engineer Intern

Oct 2023 – Jan 2024

- Pioneered security enhancements for climate advocacy platform used by smaller organizations, contributing to increased platform integrity through the implementation of Passport.js.
- Led the development and testing of secure login systems and API functionalities, enhancing website security and user trust, employing Beekeeper Studio and Postman to ensure database and API integrity.
- Directed a team initiative to implement Vue Router middleware, safeguarding user navigation and enhancing website security, thereby improving user access control and site reliability.
- Orchestrated a strategic project to integrate bcrypt for password encryption, enhancing system security and user data protection, marking a pivotal improvement in the application's authentication processes.

LADDERS FOR LEADERS

New York, NY

Tech: NYC Morgan Stanley

Jun 2022 – Aug 2022

- Collaborated in a seven-member team to conceptualize and develop "Sprout," a financial literacy app aimed at aiding senior high school & college students, leading to the partnership with universities for resource linkage.
- Initiated a comprehensive learning and research phase, resulting in the effective use of Figma for frontend design, contributing significantly to the app's user interface and overall design aesthetic.
- Championed design solutions and facilitated team adaptation to new technology, notably interface design, significantly contributing to the Sprout app's development and user engagement strategy.

PROJECTS

PICTURE PORTAL FULL STACK APPLICATION PROJECT

Tech Stack: Javascript, MongoDB, EJS, Cloudinary API, & Passport.js

Aug 2023 – Sep 2023

- Developed "Picture Portal," a social media application enabling photo uploads, post creation/deletion, and user interaction within a one-month timeframe, enhancing user engagement and content sharing capabilities.
- Implemented MVC architecture to structure the application, ensuring a clear separation of concerns between the model (MongoDB), view (EJS), & controller, leading to improved code maintainability and scalability.
- Managed the full-stack development process independently, from initial concept to deployment, showcasing strong self-reliance, problem-solving skills, and proficiency in full-stack development.
- Utilized GitHub for version control and project tracking, ensuring systematic updates and organized code management throughout the development lifecycle.

SKILLS & CERTIFICATIONS

Technical:

- **Data Analytics** – Microsoft Excel/Google Sheets, Tableau, PostgreSQL (Structured Query Language), R programming, and Python
- **Software Engineering & Misc.** – HTML, CSS/Bootstrap, Javascript, EJS, Cloudinary API, Passport.js, React, Express, MongoDB, and SQL

Languages: Fluent in Mandarin

Certifications: Google Data Analytics Professional Certificate (Coursera)