Rosalie Newman

Fullstack Web Developer

646-628-0114 | rosalienewman0@gmail.com | New York City
linkedin.com/in/rosalie-newman-RN | github.com/rosalie0

TECHNICAL SKILLS

Proficient: *Node, Javascript, React / Redux, Express, Sequelize, HTML, CSS, Clip Studio Paint*
Knowledgeable: *Typescript, SQL, Git, ThreeJS, React Three Fiber, Adobe Photoshop and Illustrator*

TECHNICAL PROJECTS

Codenames | *Developer* | February 2023 | https://codenames-0nt7.onrender.com/ | Github
- A fullstack web app of the party game Codenames. Built from scratch & written in TypeScript with an emphasis on seamless user experience.
- Backend Sequelize models and API routes for user creation, room generation & randomized card layouts.
- Firebase Realtime Database as a socket and NoSQL database for synchronized gameplay across all players' screens
- CSS for responsive mobile & tablet designs.

Bug Hunt | *Developer* | January 2023 | https://bug-hunt.onrender.com/ | Github
- A point-and-click game using 3D rendering on the web. Players collect points by clicking randomly generated insect models, with a timer feature and leaderboard where they can submit their score.
- React Three Fiber and Three.js were used to display ported 3D blender models, create 3D text, and change 2D photographs into skyboxes.
- Redux managed state and Firebase Cloud Firestore was used for the leaderboard backend.

Comic Overflow | *Developer* | December 2022 | https://comic-overflow.onrender.com/ | Github
- Comic Overflow is a basic e-commerce web application. Books of varying quantity can be added, edited, and removed from a user's cart, which persists upon reload.
- Guests can create an account to store information and place orders via integrated Stripe API.
- Backend schemas designed and written from scratch, with Express API routes protected with JWT authentication.

EDUCATION

Fullstack Academy Web Development Bootcamp   July 2022 - February 2023
Software Engineering Certificate
Part-time, Full Stack Javascript Web Development Immersive

Harvard University - Introduction to Computer Science   June - September 2023
Computational thinking, abstraction, algorithms, and data structures in C, Python, SQL, HTML, CSS, and Javascript.

The University of Michigan - Ann Arbor   July 2017
B.A. in Asian Languages and Cultures, specializing in Japanese.
Computer Science Courses:
- *Elementary Programming Concepts*
- *Discrete Math*
- *Data Structures and Algorithms*

EXPERIENCE

Assistant Restaurant Manager | HARBS | New York, NY   September 2018 - Present
- Originally hired as a server, promoted to assistant manager within six months.
- Reduced customer wait time by 20% by identifying operational inefficiencies and creating solutions to increase table turnover.
- Responsible for training new hires, managing inventory, placing orders for ingredients and financial record keeping of cash and credit.
- Leading both opening and closing shifts in all positions, including register, kitchen, and floor. Flexing between three locations and adjusting to their systems, layouts and customer base.

VOLUNTEER EXPERIENCE
- **Javascript Technical Volunteer** | Techtonica | March 2023-Present
  - Attending weekly JavaScript Study Group Night to offer knowledge and expertise to women and non-binary with low income backgrounds breaking into software development.
- **Workshop Designer and Leader** | The Lesbian, Gay, Bisexual & Transgender Community Center | July 2015
  - Created and presented an introductory Japanese language workshop to LGBTQ youth.
  - Designed a four day schedule, creating custom lesson plans and handouts, and taught attendees.