Mary Paskhaver

Mobile and Web Developer

mary.paskhaver@gmail.com | (609) 580-9712 | Personal Website

EDUCATION

Rutgers University-New Brunswick (GPA: 3.94)   **SEP 2021 - JAN 2025**
- Pursuing B.A. in Computer Science and minor in Philosophy
- Dean's List: Fall 2021, Spring 2022, Fall 2022, Spring 2023, Fall 2023 (all semesters)

WORK EXPERIENCE

Square / *Mobile Developer Intern*   **MAY 2023 - AUG 2023**
Technologies Used: Swift
- Updated the UI and snapshot tests for 4+ screens in the Square for Retail mobile app
- Configured Square for Retail to support a custom nav bar feature used by 700+ sellers
- Enabled Retail and Appointments sellers to add services to the Square for Retail Checkout applet
- Co-authored an engineering design document with mentor and designer input
- Documented unit test target creation

Bellwood Labs / *Software Engineer Intern*   **MAY 2022 - DEC 2022**
Technologies Used: React, TypeScript, JavaScript, Tailwind CSS
- Wrote unit tests with Jest and React Testing Library for the app's components and functions, increasing frontend code coverage by 55% and backend by 46%
- Created full-stack features that included setting up API endpoints and creating Sequelize models
- Fixed bugs by adding type-checking with TypeScript and refactoring
- Documented testing a client's frontend, updating WordPress plugins, and more

PROJECTS

Rutgers RUMobile (App Store 4.8 ☆ | Google Play 3.8 ☆)
Technologies Used: React Native, Redux, JavaScript
- Rebuilt app with React Navigation library, enabling custom Dark Mode and Android compatibility
- Wrote unit tests for Redux reducers, components, and formatting functions, boosting known frontend code coverage to 85%+
- Reviewed fellow developer's code and collaborated with UI designer to create a better experience for our 3,000+ users

Sokoban: The Journey (GitHub)
Technologies Used: Swift (UIKit, SpriteKit)
- Created 24 themed levels with music and characters
- Improved product quality with unit tests, leading to 85% code coverage
- Introduced an innovative twist on the original game with lasers obstructing player movement

EXTRACURRICULARS

Medium Blog / *Writer*
- Wrote 53 articles on React, React Native, Python, Swift, and more
- Underwent review processes and got 27 articles published by the Geek Culture and Better Programming publications
- As of April 2024, achieved 33,000+ views and 142 followers