Mary Paskhaver

Mobile and Web Developer

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EDUCATION

Rutgers University-New Brunswick (GPA: 3.95)   **SEP 2021 - JAN 2025**
- Pursuing B.A. in Computer Science and minor in Philosophy
- Dean's List: Fall 2021 - Spring 2024 (all semesters)

WORK EXPERIENCE

Mercury / *Software Engineer Intern*   **JUN 2023 - SEP 2024**
Technologies used: React, TypeScript
- Added sortable headers and filtering to a table, used by 100+ users to find rows easily
- Created CSV column filter component so users can download preset and custom recipient data
- Raised unit and component coverage of 11+ files to 80%+

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

Swappy Sides (App Store 5 ☆)
Technologies used: Swift (SwiftUI, SpriteKit)
- Designed and created an endless "hopper" game
- Drew 20+ pixel art assets: characters, icons, and buttons
- Wrote unit tests, boosting code coverage by 8.1%

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

Medium Blog / *Writer*
- Wrote 58 articles on React, React Native, Python, Swift, and more, achieving 39,000+ views
- Underwent review and got 27 articles published by the Geek Culture and Better Programming publications