

# Mary Paskhaver

Mobile and web developer

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## EDUCATION

**Rutgers University-New Brunswick** (GPA: 3.98)

**SEP 2021 - MAY 2025**

- Pursuing B.A. in Computer Science
- Dean's List: Fall 2021, Spring 2022, Fall 2022, Spring 2023 (all semesters)

## WORK EXPERIENCE

**Block** / *Mobile Developer Intern*

**MAY 2023 - PRESENT**

- Collaborated with multiple teams to update the look and snapshot tests for 2+ screens in Square for Retail
- Configured the Square for Retail app to support a new feature gated by a feature flag
- Co-authored an engineering design document with mentor and designer input
- Wrote documentation on unit test target creation

**Bellwood Labs** / *Software Engineer Intern*

**MAY 2022 - DEC 2022**

- Wrote unit tests with Jest and React Testing Library for 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
- Updated dozens of WordPress plugins for 4 client sites hosted on Google Cloud Platform and WP Engine
- 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 ★)

**JAN 2022 - JAN 2023**

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](#))

**JAN 2021 - JAN 2022**

Technologies Used: Swift

- Programmed a Sokoban puzzler with themed levels, music, and characters
- Used UIKit, SpriteKit, and AVAudioPlayer to make 24 engaging and unique levels
- Improved product quality with unit tests, leading to 85% code coverage
- Introduced innovative twist on original game with lasers obstructing player movement

## EXTRACURRICULARS AND LEADERSHIP EXPERIENCE

**Medium Blog** / *Writer*

**DEC 2022 - PRESENT**

- Wrote [50+ articles](#) on React Native, Python, Swift, and more
- Underwent review processes and got 20+ articles published by the Geek Culture and Better Programming publications
- Gained 10,000+ views and 100+ followers

**Undergraduate Student Alliance of Computer Scientists**

**SEP 2021 - JAN 2022**

- Introduced introductory iOS to readers through [8 articles](#) for student-run Medium blog
- Suggested improvements to paired programming and lab events at town hall meeting