

OPEN SOURCE CONTRIBUTIONS

Creator and Maintainer	Pattern Projector	September 2023–Present
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- A progressive web app (PWA) in TypeScript/Next.JS that quickly calibrates projectors for sewing patterns, with over 40K visitors, 100K page views, and 500 daily active users
- Added internationalization for 6 languages using Weblate
- Optimized performance for 250 inch wide PDFs using PDF.js with a custom renderer
- Created an inclusive community with 11 contributors and 20 stars on GitHub

Creator and Maintainer	Betrayal Dice	December 2019–Present
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- An Android app in Kotlin that replaces the dice in the *Betrayal at House on the Hill* board game

Creator and Maintainer	Node Packages	December 2018–Present
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- React Native component for fading children: `react-native-fade-in-out`, with over 100K downloads
- Gulp image conversion plugins: `gulp-jpeg-2000` and `gulp-jpeg-xr`, with over 25K downloads

Contributor	Mattermost	February 2019–May 2020
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- Added features, fixed layout issues, and improved test coverage (E2E and unit) on mobile and web apps

EDUCATION

Bachelor of Computing	University of Guelph	GPA 86% 2021
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Master of Information	University of Toronto	GPA 84% 2015
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Bachelor of Arts, Psychology	University of Guelph	GPA 84% 2012
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EMPLOYMENT

Student Library Assistant	University of Guelph	September 2015–April 2017
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- Assisted patrons with borrowing materials using the Voyager circulation system

Grad. Student Library Assistant	University of Toronto	August 2014–August 2015
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- Created FAQ and tutorial guides for University of Toronto's institutional repository website TSpace
- Received a STAR award for improving the accessibility, responsiveness, and cross browser support of TSpace

VOLUNTEER

Digital Learning Commons Peer	University of Guelph	September 2016–April 2017
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- Created and edited digital learning objects used to help students succeed in their studies

Gryph Reads Committee Member	University of Guelph	September 2015–April 2017
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- Created a website for patrons to find books from the Gryph Reads collection

Research Assistant	York University	June 2014–August 2014
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- Researched the benefits of adding an XML encoding workflow to the Open Journal Systems publishing suite

LANGUAGES, FRAMEWORKS, AND TECHNOLOGIES

- TypeScript, JavaScript, C
- Angular, Next.JS, Node.JS, React, React Native
- Firebase, Gatsby, Gulp, Jest, Jira, Vercel