

## EXPERIENCE

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- **BiblioCommons** Toronto, ON  
*Jr. Platform Engineer* *Jun 2017 - Aug 2018*
  - Developed on-boarding scripts to setup environment for new hires, drastically improving overall on-boarding time from a few days to half a day.
  - Automated various manual processes for librarians such as SSL certificate updates and server restarts using shell languages such as Bash and PowerShell.
  - Maintained and enhanced backend Java services to support new features for public libraries, such as fine payments. Worked with technologies such as Spring for DI and Ruby on Rails.
- **Yext** New York, NY  
*Software Engineer Intern* *May - Aug 2015*
  - Wrote scripts to migrate billing information from an internal system to a third-party (Zuora).
  - Helped maintain internal software responsible for billing and subscription services.
- **Reflektion** San Mateo, CA  
*Backend Engineer Intern* *Sep - Dec 2014*
  - Built a software pipeline to process large amounts of data, providing real-time analytics.
  - Utilized distributed systems such as Storm, Kafka, and Cassandra.
  - Worked with NoSQL databases such as MongoDB and Redis.
- **Yext** New York, NY  
*Software Engineer Intern* *Jan - Apr 2014*
  - Developed Pages, an enterprise software solution for creating dynamic web pages.
  - Utilized Go with the Martini web framework, as well as modern web developer tools such as html templates, jQuery and Sass.
- **N8 Identity** Burlington, ON  
*Java Engineer Intern* *Apr - Aug 2013*
  - Developed enterprise software using Java technologies such as Spring.
  - Developed frontend web component using JSF.

## PROJECTS

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- **Personal Website:** Setup a server with Nginx to serve a private git server, a Flask app, and a personal blog. Learned basic usage of tools like systemd and git hooks to automatically deploy on push.
- **Conway's Game of Life:** Implemented Conway's Game of Life using Javascript and HTML Canvas.

## EDUCATION

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- **Recurse Center** New York, NY  
*Participant* *Sept - Dec 2018*
  - Explored functional programming and lambda calculus, mainly by reading "*Structure and Interpretation of Computer Programs*" and completing exercises in Racket.
  - Took Stanford's Algorithms 2 class online, learning about various topics such as greedy and dynamic programming algorithms.
- **University of Waterloo** Waterloo, Canada  
*Bachelor of Computer Science* *2012 - 2017*