Nicholas Xie

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Fullstack Dev	**Devops & Tools**	**General**	**Media Editing**
Frameworks: React • AngularJS • Django ***Node.js:*** Express.js • Hapi.js ***SQL:*** MySQL, PostgreSQL ***Utility:*** Responsive CSS/Sass • JQuery, Ajax	Ansible • Vagrant • Git Docker • NGINX • Gulp Ubuntu/Linux	Python Javascript, Java C, C++	Photoshop CS6 • Sony Vegas Pro • Final Cut Pro X Color Correction, Grading

Relevant Experience

Wattpad Corp. | Associate Engineer (Intern)   Sep 2019 – Dec 2019 | Toronto, ON

- Helped deliver new homefeed experience to improve user engagement, **boosting in-app coin redemptions by 31%**
- Conducted **A/B testing** on users' content discovery to make data driven decisions on **premium/paid content promotions**
- Web representative on internal **accessibility team**, conducting empathy building training sessions
- Improved **internationalization** by enhancing support for users reading in right-to-left languages (Arabic, Hebrew, etc)

League Inc. | Software Developer Intern   Jan 2019 – Apr 2019 | Toronto, ON

- Worked with **React** across 3 cross functional teams, as well as actively engaging in front-end and design meetings
- Delivered a revamped user documents experience, **necessary for users to verify identity to payment providers**
- **Helped expand the product into US markets** by developing an MVP for an essential function in US insurance
- Built a feature to **increase user engagement and lower cost to serve** by deflecting support chats to existing tools
- Wrote **an article** for the company blog detailing the intern experience, reaching over 1000 views
  Link: **https://medium.com/inside-league/4-months-4-desks-the-league-co-op-experience-7a8835947c1c**

Interac Corp. | Software Developer Intern   May 2018 – Aug 2018 | Kitchener, ON

- Worked in a team of 5 to build a bank emulator that integrates within the Interac network to test **payment related products**
- Created user accounts and an auth system with **Passport.js** and **Express sessions**

Bonfire Interactive | Software Developer Intern   May 2017 – Aug 2017 | Kitchener, ON

- Solely delivered internal dashboard used daily in the resolution of support tickets, **reducing admin support tickets by 90%**
- Complete UI/UX redesign with **Sass** and **Foundation**
- Worked extensively with **AngularJS** to build out new features with best practices
- Changed backend structure to allow multiple database environments using **Hapi.js** (**Node**)
- Used **Vagrant** and **Ansible** to set up deployment as well as provisioning

Projects

Mathabit   mathabit.com   AngularJS, Node, Express, Postgres, Gulp, NGINX   Ongoing
- Complete production level webapp for "smart" course notes - **mathabit.com**
- Used & tested by Fall 2018 class of PMATH351 - Real Analysis at the University of Waterloo
- Used **NGINX**, **PM2**, and **Certbot + LetsEncrypt** (for HTTPS) to deploy app and associated Postgres database
- Server side LaTeX rendering using mathjax

vm   C++   Nov-Dec 2017
- CLI clone of vim using OOP principles with C++

Education

University of Waterloo - Bachelors of Computer Science, Music Minor   Fall 2016 - Exp. April 2021
· Varsity Track and Field athlete