

# Nicholas Xie

🏠 <https://nick-xie.github.io/> • ✉ [nickxie.me@gmail.com](mailto:nickxie.me@gmail.com) • [in](#) /in/nicholas-xie • [tw](#) /nick-xie

## Skills

### Fullstack Dev

**Frameworks:** React • AngularJS • Django  
**Node.js:** Express.js • Hapi.js  
**SQL:** MySQL, PostgreSQL  
**Utility:** Responsive CSS/Sass • JQuery, Ajax

### Devops & Tools

Ansible • Vagrant • Git  
Docker • NGINX • Gulp  
Ubuntu/Linux

### General

Python • Java  
C, C++

### Media Editing

Photoshop CS6 • Sony Vegas Pro • Final Cut Pro X  
Color Correction, Grading

## Relevant Experience

### 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: [medium.com/inside-league/4-months-4-desks](https://medium.com/inside-league/4-months-4-desks)

### Interac Corp. | Software Developer Intern

May 2018 – Aug 2018 | Kitchener, ON

- Solely developed a fullscale webapp (**AngularJS, Node**), leveraging Interac's **e-Transfer API** in a particular use case for landlords and rental payments
- 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 and restructure using **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](http://mathabit.com) AngularJS, Node, Express, Postgres, Gulp, NGINX

Nov 2017 – Jan 2019

- 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 2017 – Dec 2017

- Collaboration with a classmate to create a clone of vim, using **OOP principles**
- Implemented insert mode and command mode with select commands

### Avaron, Web-based party games Django, AJAX, SQL, AngularJS, Meteor

Dec 2016

- Webapp to distribute roles for players in a gameroom for deception games
- Implemented sessions so players have unique views and AJAX form requests to refresh game lobby real time

## Education

### University of Waterloo - Bachelors of Computer Science, Music Minor

Fall 2016 - Exp. April 2021

• Varsity Track and Field athlete, advanced math and computer science courses