RICHIE SHI

richieshi.com | richie_shi@hotmail.com | (647) 448-6412
github.com/richieshi

SKILLS

- **Languages:** JavaScript, Java, C++, Python, Objective-C, C#, SQL, HTML, CSS, PHP
- **Technologies:** React, Flux, Electron, Redux, .NET, jQuery, Git, AWS

WORK EXPERIENCE

D2L   Sept – Dec 2016
Software Developer   *Kitchener, ON*

- Optimized front-end algorithms to improve load times by 95%
- Implemented backend for learning applications in C#
- Delivered significant portions of brand new, high visibility product and received positive feedback from C-level executives in bi-weekly demos
- Developed high performance, reusable code for UI components using React and Flux
- Wrote unit and integration tests to improve automated test coverage
- Participated in code reviews, incorporating change suggestions and providing alternatives

360 Education Labs   Jan – Apr 2016
Software Developer   *Toronto, ON*

- Created OS X video and desktop recording software integrated with AWS and web platform
- Developed video content management system using React, Flux, Java, and MySQL
- Implemented software user interface, increasing client retention and attraction

Suretap Wallet   Apr – Aug 2015
Quality Assurance Analyst   *Toronto, ON*

- Led QA team communication with developers to improve collaboration and speed up workflow
- Drafted new test cases, tracked test results, and logged bugs to ensure requirement coverage

PROJECTS

Yelp Review Classifier   Nov 2016 – Jan 2017
github.com/richieshi/yelp-review-classifier

- Trained a classifier in Python that categorizes the sentiment of Yelp reviews using NLP techniques
- Achieved a prediction accuracy of about 84% on test data

YouTube Music Player   Nov 2016 – Jan 2017
github.com/richieshi/youtube-music-player

- Desktop application for creating music playlists created using Electron, React, and Redux
- Created backend service and RESTful API to manage users' saved settings using Python and MySQL

EDUCATION

University of Waterloo, Bachelor's in Software Engineering   2014 – 2019 (expected)

INTERESTS

Board games, video games, tennis