

JASON DIPPEL

3B Software Engineering Student
University of Waterloo

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LANGUAGES & SKILLS

- JavaScript/jQuery
- HTML5/CSS3
- PHP
- C++
- Java
- Knowledge of networking protocols
- MySQL, MS SQL, Mongo Experience
- LAMP Development Experience
- Familiar with Scala
- Some Experience with React and Flux

EMPLOYMENT

Hootsuite *Vancouver, BC, Canada*

05. 2015

Software Engineer Co-op

09. 2015

- Involved in front and backend work required to add Instagram to Hootsuite
- Fixed major security vulnerability with regards to publishing on all the main social networks
- Improved onboarding flow and management of users for enterprise level organizations
- Helped come up with and plan improvements to new feature dark launching service
- Fixed bugs related to key internal features and the dashboard

International Datacasting *Kanata, ON, Canada*

09. 2014

Linux Developer

12. 2014

- Wrote a C++ application to analyze the correctness of transport stream files, helping to ensure video quality
- Created a C++ class that groups together and analyzes NAL units
- Designed and developed an automated testing website using PHP and jQuery that runs tests, analyzes the result files, and archives the test results in a MySQL database
- Designed and started developing new ERP software for the company that bridges existing MySQL and MS SQL databases, reduces data entry errors, and provides company statistics

PROJECTS

Web App

React ToDo List

- Developed a ToDo List application using React
- Used this as a means of learning and experimenting with the React JS and Flux architecture

Website

Discussion Board

- Created a discussion board using Perl's Dancer as a framework and MySQL to store posts and comments
- Used statistics page to show stats such as number of posts per month, etc.