

Ricky Thonglyvong

Resume

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Education

2010–2015 **B.S. Computer Science**, *University of Minnesota*, Twin Cities.

Experience

Work

- Sept 2015–Present **Software Developer**, NEWSCYCLE SOLUTIONS, Bloomington, MN.
- Worked on front end development on a drupal based digital commerce site utilizing responsive design paradigms to implement a mobile friendly website.
 - Added new table in mysql database that allowed for future expandability within the software architecture of a RESTful web application that utilized GWT and Hibernate. Allowing the ability to add to turn on and off features of the application.
 - Wrote JUnit test to maintain adequate code coverage percentages to ensure that maven and cobertura would start the jenkins build when code was committed through subversion.
 - Participated in peer code review of fellow team members ensuring that coding standards and best practices were met.
- 2013–2015 **Undergraduate Teaching Assistant**, UNIVERSITY OF MINNESOTA, Minneapolis, MN.
- Assist students in an introductory programming course with topics including Java and Data Structures e.g. Linked List, Queues, Stacks, Maps, and Trees.
 - Assist instructor by writing homework, lab, and test questions that require critical thinking skills and understanding of data structures to solve.
- June 2014–January 2015 **Software Intern**, PEARSON VUE, Bloomington, MN.
- Developed internal java utility used for generating automated reports on nightly regression test.

Projects

- June 2016–Present **pokemango.io**, *Personal Project*.
- Built pokemango.io, a pokemon go related website, using mongodb, express, angular, and node.js. Current purpose is to notify users of server status, with more features intended.
 - Deployed pokemango.io on an AWS EC2 instance because it's free yay.
- FCAL to C++ Translator**, *Class Project*.
- Implemented a solution in C++ that would parse and tokenize a FCAL language input file and then create an abstract syntax tree from the tokens that were generated.

Tools and Frameworks

Atlassian Tools(Confluence, Jira, Sourcetree), JetBrains Tools, Jenkins, SVN, Git, Eclipse, Visual Studios, MySql, Drupal

Languages

C, C++, Java, Javascript, CSS, HTML, C#