

# Ricky Thonglyvong

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## Resume

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### Education

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

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### Experience

#### Work

- 2015 **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.
  - Participated in scrum ceremonies, stand up meetings, and estimates for upcoming sprints.
- 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.
- 2014–2015 **Software Intern**, PEARSON VUE, Bloomington, MN.
- Developed internal java utility used for generating automated reports on nightly regression test.
  - Assisted in the development of internal java application used for test publishing.

#### Projects

##### **FCAL to C++ Translator**, *Class Project*.

- Utilized UML to design and create a program that would translate Forest Cover Analysis Language to C++ simultaneously implement test driven development concepts into the 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.

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### Tools and Frameworks

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

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### Languages

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

8583 Aero Drive Apt 2104 – San Diego, CA 92123

☎ (612) 876 7082 • ✉ [rthonglyvong@gmail.com](mailto:rthonglyvong@gmail.com) • 🌐 [rthonglyvong.com](http://rthonglyvong.com)