Jiwoong Youn

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Education

University of Illinois at Urbana-Champaign   **Urbana-Champaign, Illinois**
BS.   *2010 – present*
Bachelor of Science Degree in Computer Science
Software Engineering Certificate   Expected date of graduation/completion: May 2014
GPA: **3.77** / 4.0
Honors/Awards: Dean's List (3 semesters)

Relevant Coursework

Database Systems	Embedded Systems	Data Mining	Communication Networks

Courses to be completed by May 2014: Distributed Systems

Experience

Internship

Information Trust Institute   **Urbana-Champaign, Illinois**
Intern   *Summer 2013*
- Assisted a research team in developing tools for Wikipedia data analysis, a project about hierarchical concept annotation
- Gathered statistics of massive data set by analyzing tons of files in the data set
- Created a new data set of size ∼50GB by fixing and modifying contents in the original data set
- Visualized a complex hierarchy of data by learning and using an open-source Java library, leading to an easier analysis of the hierarchy

Research

Department of Computer Science, University of Illinois at Urbana-Champaign   **Urbana-Champaign, Illinois**
Researcher   *Spring 2013*
- Studied two different types of annotations which verify the nullness and reference immutability of objects
- Analyzed the difference between two inference tools, *NIT* and *JULIA*, leading to a finding that *JULIA* is a better tool inferring 25% lesser Nullable annotations
- Gained an understanding of how the checker framework used annotations to verify object properties

Project

Social Recipe Application (*Environment:* ***Android***)   *August 2013 – present*
- Developed an application where users upload their own recipes and comment and/or vote on other users' recipes
- Designing the application with an extensive learning of Android XML for release

Dota 2 Fan Website   *Fall 2012*
- Created a website that provides interesting information about a multiplayer video game called *Dota 2*
- Parsed HTML codes using Java, managed game data using MySQL and PHP, designed the website with HTML and CSS, produced convenient user interface with Javascript and jQuery, and implemented comment, rating, and filter systems with more elaborate use of MySQL, Javascript, and jQuery

League of Legends Web Application (*http://pentakill.web.engr.illinois.edu/*)   *Fall 2012*
- Earned class distinction for finished product: **"Hall of Fame"**
- The application provides an interface where users can try out their particular settings or builds on game characters.

Technical Skills

Programming Languages - Java, C, C++, Python, Assembly, OCaml, LaTeX

Scripting and Markup Languages - HTML, PHP, CSS, JavaScript(jQuery and AJAX), XML

Platforms - Android   **Databases** - MySQL