

Joshua Branchaud

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Objective

Seeking a summer internship with Google for the summer of 2012.

Education

High School Diploma, Millard North High School, Omaha NE, May 2007.

B.S. in Computer Science, University of Nebraska-Lincoln, May 2011.

Minors: Mathematics and Spanish

M.S. in Computer Science, University of Nebraska-Lincoln, May 2013.

Experience

Research Experience - University of Nebraska-Lincoln, Department of Computer Science

Graduate Research Assistant, Dr. Anita Sarma, August 2011–present.

Developing an Impact Analysis technique to be used for real-time workspace awareness

Continuing to update Palantir as was done in undergraduate research

Undergraduate Research Assistant, Dr. Anita Sarma, January 2010–August 2011.

Updated Palantir, a workspace awareness tool, written in Java as an Eclipse plug-in

Read research papers on similar tools and wrote technical reviews on those papers

Teaching Experience - University of Nebraska-Lincoln, Department of Computer Science

Teaching Assistant for CSE361 (Software Engineering), Dr. Anita Sarma, August 2011–present.

Developing semester project, assisting in class, grading assignments, and holding office hours

Teaching Assistant for CSE155 (Introduction to CS), Jeremy Suing, January 2010–May 2010.

Assisted in lab sections, graded Java assignments, and held office hours

Work Experience

Software Developer, NASA and Google Summer of Code, May 2011–August 2011

Extended DiSE, a software verification tool, from intraprocedural to interprocedural

Developed Java examples for testing the tool

Work on this project is continuing into the Fall of 2011 outside of GSoC

Web Assistant, Kaul Design Group, August 2010–Present.

Update Joomla!-based webpages

Modify HTML and CSS documents

Miscellaneous

President of Beta Sigma Psi Fraternity, January 2009–January 2011

Participated in the 2010 ACM Regional Programming Competition

Last updated: February 18, 2013