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 20, 2013