Joshua Branchaud

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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, In progress.

Experience

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

University of Nebraska-Lincoln, Department of Computer Science

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

Continuing to update Palantir as was done in undergraduate research

Host and Fellowship Coordinator, Rev. Adam White, August 2012–present.

Lutheran Student Center (ELCA), University of Nebraska-Lincoln

Clean and maintain the Lutheran Student Center building

Engage students with fun fellowship opportunities such as movie nights and pool leagues

Student Intern, Dr. Suzette Person, May 2012–August 2012.

Formal Methods Group, NASA Langley, Hampton, VA

Designed and implemented a framework that brings program analysis to a variety of client applications

Worked on a strategy for efficiently analyzing heap allocated memory during symbolic execution

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

University of Nebraska-Lincoln, Department of Computer Science

Developed a semester project, assisted in class, graded assignments

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

University of Nebraska-Lincoln, Department of Computer Science

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

Miscellaneous

Co-founder of Lincoln's Beer and Code meetup (2012–present)

Participated in mission work in Mexico (2004-2007) and Haiti (2010)

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

Participated in the 2010 ACM Regional Programming Competition

Last updated: May 22, 2014