



Will Blankenship

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OS: Arch Linux, Debian **Languages:** Java, Golang, JavaScript **Tools:** VIM, Eclipse, ADT, Git **GPA:** 3.37/4.0

Education

Dual Degree - B.S. in Computer Science and B.S. in Mathematics
Southern Illinois University in Carbondale (SIUC)

May 2016

Related Experience

Boeing - Software Analyst and Project Management Intern

Summer 2012 & 2013

Technology: Java, C, JavaScript

- Ported an engineering application from C to Java.
- Designed unit tests for a polynomial idealization algorithm.
- Prototyped a web application for tracking work orders using JavaEE and JavaScript.
- Created a Microsoft Project integrated schedule for the group's active projects.
- Automated audits of physical and logical inventory for BSC using VBScript and SharePoint.
- Implemented user interfaces using NetBeans and JFreeChart..

SIUC - Undergraduate Research Assistant

August 2012 - December 2013

Technology: Java, CloudSim, JSON, JavaDoc

- Released open source library dagGen: github.com/crackerz/dagGen
- Received the REACH award for work conducted in the High Performance Computing Laboratory.
- Extended CloudSim to support workflows modeled as Directed Acyclic Graphs (DAGs).
- Implemented repeatable simulations using JSON representations of CloudSim's state.
- Presented poster at the Saint Louis Area Undergraduate Research Symposium (STLAURS) and SIUC's Undergraduate Research and Creative Activities Forum.

Other Cool Stuff

STLAURS - Director

Summer 2013 - Present

- Organizing an Undergraduate Research Symposium for April 2014.
- Expanding symposium to include additional universities and a greater number of presenters.
- Maintaining an active board of directors with participants from all involved universities.
- Leveraging web technology to enhance inter-school collaboration.
- Redesigning the STLAURS website as well as the Chicago Area Undergraduate Research Symposium (CAURS) website in the summer of 2014.

OpenSpace - Founder

Fall 2013 - Present

- Establishing a nonprofit HackerSpace in the Southern Illinois Community.
- Developing website: crackerz.github.io/sihackers_website/
- Networking to secure sponsors and a venue.
- Recruiting members through local high schools, colleges, and universities.

ofCourse - Developer

Spring 2012

- Developed a social course management application for Android.
- Awarded Best Educational Application by judges.
- Worked in a team environment while developing the application