

Joshua K. Sarver

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Education

Slippery Rock University

Bachelor of Science in Computer Science

Cumulative GPA: 3.4

- Dean's List: Fall 2012, Fall 2013, Fall 2014, Spring 2015, Fall 2015, Fall 2016, Spring 2016

Slippery Rock, PA

May 2016

Relevant Coursework

Software Engineering

Spring 2015

- Studied various software development models
- Home automation: created a cross-platform mobile application to control in-home hardware
- Documentation: documented various parts of our project in a professional manner

Operating Systems (CPSC 464)

Fall 2014

- Learned and worked with various data-structures
- Learned Java on-the-fly to complete semester project
- Semester project: build on-top of a large vehicle routing code base to solve more specific problems using heuristics
- Presented results at an undergraduate conference and continued research into the summer
- Project is over thirty-thousand lines of code

Experience

Technology Learning Center

Slippery Rock, PA

Technology Specialist

May 2013 - November 2015

- Troubleshooted hardware and software for fellow students
- Explained and showed patrons how to perform specific actions in a variety of applications
- Made a team-effort with all co-workers to solve various issues
- Created a small server and designed a server-side Bash script to handle work-orders as a personal project

Netbeez

Pittsburgh, PA

Full-Stack Developer

August 2015 - present

- Teach myself Ruby on Rails to improve backend software
- Work with Google Cloud, Microsoft Azure, and Amazon Web Service API's
- Learn to clearly communicate during SCRUM meetings
- Become extremely familiar with Git concepts/workflow
- Overall: help company provide network monitoring services
- Learn new skills to build features for the project

Other Personal Projects

- Ice-Escape: an interactive HTML5 game fully rendered in canvas using Javascript
- Haskell: to learn functional concepts and higher-order functions to improve programming skills