Tim Sonnen
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I am currently a Senior at University of Idaho pursuing a Bachelor's of Science in Computer Science. My expected graduation date is Spring 2018.

Technical Skills

I have experience in all of the following languages with most of my experiece being in C, C++, and Python. I have used other languages in the past, but as I have not used them recently, they are not listed here.

- C and C++
- Python
- bash
- R
- Java using the libGDX API

Experience

University Of Idaho IDEA Lab - *Undergraduate Intern*   *May 2017 - Present*
- Network analysis and visualiztion on the University of Idaho VIVO
- Usage of semantic web principles
- Using R for data analysis
- Data retrieved using SPARQL

University Of Idaho Plant and Soil Sciences - *Research Assistant*   *February 2017 - Present*
- Comparison of transcriptomes (infected and uninfected)
- Process automation using bash
- R and Python used for data cleaning and analysis

University of Idaho Library - *Overnight Circulation Desk Lead*   *April 2016 - August 2017*
- Answering patron questions
- Checking out and returning various library materials
- Handling purchases at the cafe

ExtraTech Systems - *Intern*   *Summer 2015/Summer 2016*
- Developing a kiosk application to run on single board Linux computer
- Developing a web based user interface using HTML, JavaScript, and PHP
- Integrating the web front-end with a C based backend.
- Developing a host Windows aplication using C#
- Retreiving data from embedded Linux servers on the network (developped the summer prior)
- Integrating with mobile applications as well as client Windows applications using websockets

Education

University of Idaho - *Bachelor's of Science Computer Science*   *August 2015 - Present*
Expected graduation Spring 2018