Tim Sonnen
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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
- SPARQL and R were both used

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 2016

- 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

ExtraTech Systems - Intern   Summer 2015

- 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.

Vandal Connect - *Caller*   *January 2016 - March 2016*
- Calling alumni and updating their contact information
- Informing alumni about the fundraising and donation opportunities

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