Andrew Ramsey

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Education

Fall 2014 – Present

Computer Engineering, Rochester Institute of Technology, Overall GPA: 3.95.
- Digital System Design I
- Assembly Language with Lab
- Software Engineering
- Circuit Analysis I with Lab
- Computer Science I & II
- Product Innovation

Computer Skills

Languages: Python, Java, C/C++, LaTeX, VHDL, MATLAB, Bash

Software: Linux, Pycharm, IntelliJ, Git, Vim

Interests: Machine Learning, Open Source, Hardware Evolution

Projects

October 2014 – Present

Clue.
An effort to recreate the board game Clue on the computer in Java
- Graph Theory
- Graphics
- Artificial Intelligence

Spring 2015

Reverse Javadocs.
Simplifies the creation of Java classes and package structure using Python and Beautiful Soup
- HTML Parsing
- Version Control

Nov. 2014 – May 2015

Freescale Car Competition.
Build and program an autonomous car to compete in an international race
- Become familiar with MATLAB, Simulink, and EMBED
- Get experience working in a team of varying skill levels
- Learn to work with others' code

Jobs

Summer 2015

Summer Laborer, *Central Contra Costa Sanitary District*.
Maintain the sanitary district in good working order
- Work independently and in groups without direct supervision
- Ensure that tasks were completed on time and correctly
- Work with customers to ensure efficient and easy use of recycled water filling station

August 2015 - Present

Teaching Assistant & Mentor, *Rochester Institute of Technology*.
Assist first-year students in lab exercises and adjusting to college
- Hold weekly meetings to assist with homework and college life
- Grade lab exercises and reports

Leadership

- Eagle Scout Award
- Contra Costa County Sheriff's Search and Rescue
- Completed Advanced German II