Andrew Ramsey

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Education

Aug. 2014 – Present

Computer Engineering, *Rochester Institute of Technology*, Overall GPA: 3.95, Honors

- 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

Oct. 2014 – Present

Clue

An effort to recreate the board game Clue on the computer in Java

- Developed a decision model based on real world experience
- Explored Java graphics using JavaFX
- Self taught graph theory principles

Spring 2015

Reverse Javadocs

Simplified the creation of Java classes and package structure using Python and Beautiful Soup

- Saved two hours weekly for self and classmates
- Discovered how to use git features, such as blame and bisect

Nov. 2014 – May 2015

Freescale Car Competition

Built and programmed an autonomous car to compete in an international race

- Develop with MATLAB, Simulink, and EMBED
- Work in a team of varying skill levels
- Learn to work with others' code

Jobs

Summer 2015

Summer Laborer, *Central Contra Costa Sanitary District*

Maintained the Sanitary District in good working order

- Worked independently and in groups without direct supervision
- Ensured that tasks were completed on time and correctly
- Launched recycled water program, ensuring customer satisfaction and environmentally friendly practices

Aug. 2015 - Present

Teaching Assistant & Mentor, *Rochester Institute of Technology*

Assist first-year students in lab exercises and adjusting to college

- Guide freshman through their first year of college
- Grade lab exercises and reports

Leadership

Eagle Scout Award & Scholarship

Contra Costa County Sheriff's Search and Rescue

Advanced German II