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📄 [www.github.com/ARamsey118](https://www.github.com/ARamsey118)

# Andrew Ramsey

## 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++, L<sup>A</sup>T<sub>E</sub>X, 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