

EDUCATION

San Jacinto College, Pasadena, TX

August 2012 - January 2014

Associate of Science in Mathematics

- GPA 3.95
- *Dean's List*

The University of Texas at Austin, Austin, TX

August 2014 - December 2016

Bachelor of Science in Computer Science

- Relevant Current Courses: Data Structures (Gordan Novak);
Discrete Mathematics (Mohamed Gouda); Differential Equations (Dong Nguyen)
- Relevant Next Semester Courses: Computer Architecture and Organization;
Statistics and Probability; Number Theory

PROJECTS

Android Wear App - StockFeed (HackTX team - Java)

- Developed backend using Bloomberg API to provide info on cryptocurrency and stock price

URL Text and Image Fetcher (Individual Project - Python)

- Downloads all images and text from a URL into a specified directory

Snake Solver (Game Jam - Python)

- Snake but you have to solve an equation to advance levels
- <https://github.com/CamelBackNotation/gamejam>

TECHNICAL SKILLS

- **Languages:** Proficient in Java, Python; Experience in C++, Bash
- **Operating Systems:** Linux, Windows

EXPERIENCE

NASA, Huntsville, AL

January 2014 - May 2014

Intern for the Center Chief Technologist

- Helped integrate cubesat RCS code into pub/sub framework on BeagleBone Black (C++)
- Compiled significant hardware to be put on display
- Built technical presentation depicting state-of-the-art technology for cubesats
- Gained experience in Python, C++, CAD

COMMUNITY INVOLVEMENT/LEADERSHIP

Math and Engineering Club

- Club to promote interest in higher mathematics with a focus on applicable skills
- President for one year – in charge of large event planning and day-to-day decisions

Terry Scholar Student Association

- Scholarship organization promoting leadership and service in the community

National Community College Aerospace Scholars Program

- Competition awarding students the opportunity to meet NASA engineers and scientists
- Led student team in programming LEGO NXT Mars rover for competition (Java)

HONORS AND AWARDS

- Terry Foundation Transfer Scholarship
 - One of fourteen recipients for 2014
- National Science Foundation STEP-UP Scholarship
- T-STEM Scholarship