

Colten Cross

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EDUCATION

GEORGIA STATE UNIVERSITY

BS IN PHYSICS

May 2017 | Atlanta, GA
Conc. in Computer Science
Cum Laude
Cum. GPA: 3.47 / 4.0
Major GPA: 3.29 / 4.0

NORTHSIDE HIGH SCHOOL

May 2013 | Columbus, GA

LINKS

Github:// **ColCross**
LinkedIn:// **ColtenCross**

COURSEWORK

UNDERGRADUATE

Computer Science
Software Engineering
Web Development
Data Structures
System-Level Programming
Robotics Engineering 1
Physics
Electronics
Modern Physics
Statistical and Thermal Physics
Calculus I, II, III
Differential Equations

SKILLS

PROGRAMMING

Advanced
Java • Shell • Git
Knowledgeable
HTML • CSS • PHP • JS
SQL • Polymer • C
Operating Systems
OSX • Windows • Unix

SOFTWARE

MS Word, Excel, PowerPoint
Autodesk Inventor

EXPERIENCE

GSU | LEARNING ASSISTANT - PHYS 2212K

Jan 2017 – May 2017 | Atlanta, GA

- Lead 3 one-hour tutorial sessions for calc-based Intro Physics students.
- Provide direction and explain key concepts.
- Grade homework and return in a timely manner.

GSU | TEACHING ASSISTANT - PHYS 1112K

Sep 2016 – Dec 2016 | Atlanta, GA

- Coordinated with instructor to ensure students were taught material consistently.
- Supervised lab activities to provide guidance and maintain a productive work environment.
- Adapted to individual students' learning styles in order to effectively explain subject material.

AEROTEK | SIMULATION INTERACTOR

Summer 2015 & Summer 2016 | Fort Benning, GA

- Developed strategies and worked with team to execute simulated missions
- Obtained secret-level security clearance and maintained secret-level information.
- Provided man-machine interface in Army's operation of a future invasion scenario.

PROJECTS

MUON TELESCOPE | WWW.MUONTELESCOPE.COM

Jan 2017 – May 2017 | Atlanta, GA

Assisted in designing and implementing a modular website for displaying data from Georgia State University's cosmic ray detector network. Utilized Polymer to implement front-end web design, and MySQL for back-end database querying and management.

OVERDRIVE | SOFTWARE ENGINEERING FINAL PROJECT

Jan 2017 – April 2017 | Atlanta, GA

Worked as a team through every stage of the software development process including design, documentation, and implementation. Utilized Java and SQLite to implement design requirements.

CLEARANCES AND CERTIFICATIONS

- Secret-Level Security Clearance
- CompTIA Security+ Certification

SOCIETIES

2016	Sigma Pi Sigma	Physics Honor Society
2014	National	National Society of Collegiate Scholars
2012	National	National Honor Society