Colten Cross

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colten@coltencross.com | (762) 207-0132

EDUCATION

GEORGIA STATE UNIVERSITY
BS in Physics
Expected May 2017 | Atlanta, GA
Conc. in Computer Science
College of Arts and Sciences
Honors College
Cum. GPA: 3.5 / 4.0
Major GPA: 3.3 / 4.0

NORTHSIDE HIGH SCHOOL
Grad. 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 – Present | 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 – Present | 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 – Present | 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 database for app information storage.

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