Colten Cross

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OBJECTIVE

Seeking opportunities for training in Software Development or Information Security.

EDUCATION

GEORGIA STATE UNIVERSITY
May 2017 | Atlanta, GA
BS in Physics
Computer Science Concentration
Cum. GPA: 3.47 / 4.0

NORTHSIDE HIGH SCHOOL
May 2013 | Columbus, GA
Engineering Magnet and AP Classes
Cum. GPA: 3.9 / 4.0

LINKS

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

COURSEWORK

Software Engineering
Web Development
Data Structures
System-Level Programming
Mathematical Models of Comp Sci
Linear Algebra
Robotics Engineering 1
Electronics
Modern Physics
Statistical and Thermal Physics
Calculus I, II, III
Differential Equations
Classical Mechanics

CERTIFICATIONS

CompTIA Security+ Certification

CLEARANCE

Secret-Level Security Clearance

SOCIETIES

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

SKILLS

Programming Languages / Frameworks
Java • HTML/CSS • JS • PHP • SQL • C • Polymer • Bootstrap • jQuery
Operating Systems
OSX • Windows • Linux
Software
Word, Excel, PowerPoint, Autodesk Inventor

WORK EXPERIENCE

GSU | Teaching and Learning Assistant
Sep 2016 – May 2017 | Atlanta, GA
- Led tutorial sessions for calc-based Intro Physics students.
- Supervised lab activities to provide guidance and maintain a productive work environment.
- Responsible for grading and returning assignments.

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.

COLUMBUS STATE UNIVERSITY | Peer Instruction Leader
Jan 2014 - May 2014 | Columbus, GA
- Designed instructional tasks and conducted tutoring sessions three times a week for up to ten students at a time.
- Observed professor-instructed lectures to improve coherence of instructional materials used at tutoring sessions.

Additional Work Experience
- Coca-Cola Space Science Center – Student Assistant (Summer 2014)
- The Egg and I – Bus Staff (Aug 2013 - Dec 2013)

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 – 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.