

DANIEL MICHAEL

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EDUCATION

Cristo Rey Atlanta Jesuit High School — Atlanta, GA
Expected Graduation: 2028
GPA: 94.17 / 100

Relevant Coursework: Computer Science 10, Integrated Math II, Honors Chemistry, Honors English 10, Modern World History, Spanish I, Theology 10, Artificial Intelligence & Ethics

EXPERIENCE

Georgia Institute of Technology — Dean of Engineering's Office
Corporate Work Study Student | 2025 – Present

- Support administrative and academic operations within Georgia Tech's College of Engineering
 - Gain exposure to professional engineering workflows and higher-education systems
 - Develop workplace communication, organization, and technical professionalism
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TECHNICAL SKILLS

Languages: Python, HTML, CSS, JavaScript

Cybersecurity: Linux fundamentals, networking basics, password security, TryHackMe labs

Tools: GitHub, VS Code, Arduino

PROJECTS

Password Strength Analyzer — Python

- Built a cybersecurity tool that analyzes password strength using entropy calculations
- Detects weak patterns and provides secure password improvement feedback

Arduino Home Security System — Arduino

- Designed a motion-based security system using sensors and microcontrollers
 - Programmed alert logic based on environmental activity
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ACTIVITIES & LEADERSHIP

FIRST Tech Challenge (FTC) Robotics — Programmer

Atlanta–Marist League | Top 16 Teams (13th Place)

- Program robot control systems, sensors, and autonomous logic
 - Collaborate in testing, debugging, and match preparation
 - Contributed to team ranking **13th out of the Atlanta–Marist League**, placing the team in the **Top 16 teams overall**
 - Apply real-world engineering, coding, and problem-solving skills in competitive robotics environments
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CERTIFICATIONS & DEVELOPMENT

- TryHackMe Cybersecurity Learning Path — In Progress
- Google Cybersecurity Certificate — Planned