

<title> MATTHEW NILSEN </title>

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OBJECTIVE

I am a Computer Science major at the Georgia Institute of Technology and am currently seeking an internship for summer 2019. I have a passion for data analytics and efficiency and would love an opportunity to prove myself while growing my technical skillset.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

- 4.0 GPA
- Major: Computer Science
- Pathways: Information Internetworks, Intelligence

Graduation: May 2022

JEFFERSON HIGH SCHOOL

Jefferson, GA

- 4.0 GPA
- Commencement Speaker

8/1/14 – 5/18/18

WORK EXPERIENCE

OMNIMETRIX, LLC

Buford, GA

Quality Management/ Manufacturing Intern

1/7/18 – 7/30/18

- Designed foundation for an ISO 9001 Quality Management System
- Learned corporate document control/ revision procedures
- Linked generator monitoring devices to the company's network

PROJECTS

FIRST ROBOTICS SCOUTING WEBSITE

Jefferson, GA

Overhauled team's scouting process, increasing efficiency and effectiveness

Feb 2018 – April 2018

- Designed entire front-end and back-end using web development languages, frameworks, and libraries
- Developed heuristic solution for predicting teams' performance (88% accurate)
- Consulted different divisions of our team and incorporated their ideas into my design
- Integrated RESTful API data and a MySQL database to simplify scouting and improve accuracy

EAGLE PROJECT

Commerce, GA

Designed and built shooting platforms for our local 4-H archery team

Jan 2017 – March 2017

- Presented project proposal and project results in front of Eagle Board
- Scheduled work days, tracked participant hours, and managed safety
- Led more than 15 Scouts and coordinated work efforts to achieve project deadline

SKILLS/INTERESTS

Languages: PHP, Java, HTML, SQL, CSS, JavaScript

Skills: Object Oriented Programming, phpMyAdmin, GitHub, Bootstrap 4, Windows Console, jQuery

Organizations: Boy Scouts of America, Millionaires in Training, Total Person Program, 4-H, Beta Club, USA Archery

Certifications: Microsoft Word/ Excel/ PowerPoint Specialist, Google Digital Garage Marketing Certification

Awards: Eagle Scout, AP Scholar with Distinction, Scholar Athlete, Georgia Merit Scholar, Nationally Ranked Archer

Interests: Defense Industry, Data Analytics, Efficiency, Intelligence, and Security

Leadership

EAGLE SCOUT

- Senior Patrol Leader
- 100+ community service hours

4-H ARCHERY ASSISTANT COACH

- Taught youth safety and techniques for operating a recurve bow