

# YUVARAJ ANBARASU

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## OBJECTIVE

Highly motivated high school student with a strong passion for STEM, I am eager to secure a position in the GTRI Summer Internship. With my exceptional organizational, time management, reliability, and experience, I am confident I can contribute effectively to GTRI's research projects while gaining valuable hands-on experience.

## CORE COMPETENCIES

- ✓ Expert in C++, Python & Java Programming
- ✓ Expert in Canva & Adobe Applications
- ✓ Intermediate in Microsoft Applications
- ✓ Intermediate Fluency in Tamil & Spanish
- ✓ Leadership
- ✓ Communication
- ✓ Time Management
- ✓ Teamwork

## PROFESSIONAL EXPERIENCE

### American Megatrends

#### Firmware Intern | Duluth, Georgia

05 June, 2023 - 22 June, 2023

- Constructed 2 BMC images on both a Raspberry Pi and a Qemu Virtual Machine
- Attended 5 demos to gain valuable insight on firmware inside of major servers
- Started a Github Repository over notes on BMC for future interns at American Megatrends

### Georgia State University

#### Data Visualization Intern | Lawrenceville, Georgia

05 June, 2023 - 14 July, 2023

- Developed a predictive model on flight delay that attained a 96% accuracy
- Created a presentation using effective data visualization through Tableau and Matplotlib
- Successfully tested 2 different regressions using Excel and Python libraries

### Mathnasium

#### Mathematics Tutor | Suwannee, Georgia

18 August, 2022 - Present

- Managed a table of 4 students each hour, answered questions patiently and thoroughly
- Discussed class material with students and gave examples to students over class material
- Applied positive reinforcement techniques to boost confidence in students by 25%

## EDUCATION

### Gwinnett School of Mathematics, Science, and Technology

Expected Graduation May 2025

**GPA:** 3.84

**Relevant Coursework:** AP Computer Science Principles, AP Computer Science Applications, AP Calculus AB, Physics and Engineering, and Engineering Applications

**Extracurriculars:** Lilburn Tamil School Volunteer, Robotics, Spanish Club, and International Night Committee

## AWARDS AND HONORS

- Awarded Bronze Presidential Award for completing 100+ Volunteer hours in a single year
- Graduated Lilburn Tamil School as Salutatorian with a 97% overall average