

Troy Gleason

8364 26th ST N, Lake Elmo, MN, USA 55042 | +1 (651) 262-3643 | troy.gleason.1713@gmail.com

A passionate and eager learner pursuing a career in software engineering. Seeking to utilize problem-solving and programming skills to thrive in a dynamic, technical position.

WORK EXPERIENCE and ACTIVITIES

Meddeas International, Huelva, Spain

Language Assistant, Post-Graduate Program Sept 2022 – June 2023

Teaching English to children ages 6 to 17, using curriculum plans and organizational methods to educate and track the learning progress of approximately 250 students.

- Taught culture and dialect differences between UK and USA, while administering to students' growth and development areas

College of the Holy Cross, Worcester, Massachusetts

Student Computer Consultant, Information Technology Services August 2021 – May 2022

First level technical support consultant to student and faculty communities, responsible for solving technical issues or referring clientele to the correct specialized professional.

- Supported the IT needs for the entire student campus, responding to phone calls and email service requests 4 hours per day, for 2 to 3 days per week.
- Demonstrated accountability and responsibility by personally handling IT tickets and rapidly solving issues, while aiding and teaching other team members on other service tickets.

Program Director, Student Program for Urban Development August 2021 – May 2022

Led, coordinated, and participated in volunteer activities for over 60 hours, to support the mission of the YWCA of Worcester.

Numerical Simulation Model, Physics Research Assistant May – July 2020 and 2021

Developed and implemented a numerical approximation model that simulates the dark matter inside of a Neutron Star.

- Leveraged advanced physics equations while designing Python code to balance between efficiency and accuracy.
- Presented model, software, and results to the academic community which led to publication in the journal Physical Review D.

Web Server, Computer Networking Class Assignment October 2020

Built a functioning web server that could provision and administer users and then give a rough estimate of their location on earth, based on ping times to their IP address.

EDUCATION

The College of the Holy Cross, Bachelor of Arts Graduated May 2022

Major in Physics and Computer Science; Dean's List 5 Semesters, Cum Laude Graduate Honors

Relevant Coursework: Analysis of Algorithms, Data Structures, Computer Networking, Programming Languages Implementation and Design, Computer Vision

SKILLS

Advanced proficiency in Python, C++, HTML, Java, SQL. Experienced using Numpy (Numerical Python Library) and Computer Networking Algorithms. Fluent in Spanish.