

Glenn Tatum

EDUCATION

HUMANITIES PREPARATORY ACADEMY

Sep 2022 - 2024 | New York, NY

SKILLS

SOFTWARE & PLATFORMS

Python • Go • Linux • Ansible • KVM

LINKS

github.com/GlennTatum

linkedin.com/in/glenntatum

REFERENCES

References Provided Upon Request

EXPERIENCE

FIRST ROBOTICS - TEAM 3922 | LEAD SOFTWARE ENGINEER

Sep 2022 - Present | New York, NY

- Programmed in Java on the Android mobile platform.
- Implemented signal edge detection algorithms.
- Collaborated in software development under the mentorship of Google Software Engineers.

ROBOTICS - COLUMBIA UNIVERSITY SUMMER HIGH SCHOOL ACADEMIC PROGRAM FOR ENGINEERS | STUDENT ENGINEER

August 2022 | Columbia University Morningside Campus, New York City

- Built a self driving autonomous vehicle to navigate through a maze.
- Utilized Computer Aided Design Software SolidWorks to create 3D models.
- Built software in C++ to run on the Arduino platform.

CLIMATE STUDY - COLUMBIA UNIVERSITY SUMMER HIGH SCHOOL ACADEMIC PROGRAM FOR ENGINEERS | STUDENT RESEARCHER

July 2022 | Columbia University Morningside Campus, New York City

- Analyzed the life cycle analysis of different sources of energy.
- Performed multiple lab experiments to analyze the effectiveness of waste water treatment techniques.
- Worked in a team of four to produce a report assessing the economic and environmental impacts of different energy sources.

HUMANITIES PREPARATORY ACADEMY | IT OPERATIONS ASSOCIATE

Sep 2022 - Present | New York, NY

- Provided assistance in performing maintenance tasks.

EXTRA CURRICULAR

YOUTH TRAVEL HOCKEY | GOALTENDER

2015 - 2020 | New York, NY

New York City Cyclones AA

Goaltender for competitive youth travel hockey teams playing up to 50 games a season throughout the northeastern United States and Tristate area.

AWARDS

2022 First Tech Challenge Qualifier Finalist