Alexander Gideon

Team-Oriented, flexible, and eager RIT Sophomore looking for degree-related job or internship. Looking to contribute and expand my analytical and problem-solving skills in a productive environment.

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EDUCATION

Rochester Institute of Technology — BS *Computational Mathematics*
Sept. 2020 - May 2024 (Expected).

Dean's List: Fall 2020, Spring 2021, Fall 2021 (3 of 3 semesters)
GPA: 3.71

Relevant Coursework:

Calculus I - III, Probability and Statistics 1, Computer Science I & II, Mechanics of Programming, Intro to AI, Principles of Data Management, Discrete Mathematics and Introduction to Proofs, Differential Equations, Linear Algebra, Intro to CS Theory, Dynamical Systems, Real Variables 1, Graph Theory, University Physics I & II, Principles of Microeconomics, Principles of Macroeconomics

EXPERIENCE

Mathematics Research with RIT Professor — *Team Member*

FALL 2021

- Collaborated with a research team investigating Sisyphus function.

Picatinny Arsenal, New Jersey — *Team Member*

SUMMER 2021

- Developed automated image recognition software in Python and OpenCV.
- Installed Linux development environment on hardware and in VirtualBox.

Tutoring Math & Computer Science, New Jersey

2019 - 2021

- Freelance: math and computer science to high school and college students
- Montclair Learning Center: robotics and coding to younger students

PROJECTS

Python Music Database Application

- Designed and Implemented Python/SQL application storing Albums and Songs in collaboration with other development team members.

SKILLS

Languages: Java, Python, LaTeX, Knowledge of C, SQL

Libraries: JavaFX, OpenCV

Applications: PyCharm, IntelliJ, Knowledge of Git

LEADERSHIP & COMMUNITY

RIT Overwatch Esports Team Assistant Coach (2021–22)

RIT Overwatch Esports Team Member (2020–21)

Captain of Outreach for Robotics Team (2018–2020)

Robotics Team (2016–2020)

Dean's List Semi–Finalist for FIRST Robotics (2018–2019)

Invented and Organized First and Second *Robotics Petting Zoo* events (2018–2020)

Organized *Family Code Night* events at Elementary Schools (2018–2020)

Succeed2gether (2018–2020)