

# ALEXANDER BARONSKY

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## Physics, Computer Science, and Math

I am ready to utilize what I have learned to solve complex technological and scientific challenges. Skilled in Python, Java and experienced in computational modeling and software development. I have a strong foundation in quantum mechanics, electromagnetism, and thermodynamics.

## Education:

**State University of New York at Albany, Albany NY**      **2019 - 2024**

*BS, Computer Science  
BS, Physics  
Minor in Mathematics*

**Monroe Community College, Rochester NY**      **2017 - 2019**

*AS, Individual Studies in Science*

## Prior Experience:

### **University of Rochester C.E.K. Mees Observatory:**

Tour guide, presenter, and telescope operator. Responsibilities include educational talks on various astronomy related topics. In addition to maintaining and operating the observatory telescope.

### **Rochester Christian School:**

Teaching aid for elementary students in math and science.

## Relevant Skills:

- Programming Languages: C/C++, JavaScript, Java, Python, Assembly, MATLAB and SQL
- Languages: Beginner German and Intermediate French.
- Skills: Hands-on Lab and technology skills.  
Attention to detail, team-oriented

## **Awards and Acknowledgements**

- ***Best Computer Science Capstone Project | Academic Recognition***  
Spring 2024
- ***Dean's List | Academic Recognition***  
Spring 2020
- ***Dollars for Scholars Recipient | Academic Scholarship***  
June 2016
- ***Eagle Scout | Boy Scouts of America***  
September 2015

## **Extracurricular:**

- University at Albany Physics Club
- University of Rochester: Astronomy Section, Rochester Academy of Science (ASRAS)  
Club Member
- French student exchange program
- Lead summer camp counselor