Hayden T. Roeder

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https://github.com/HaydenRoeder1 • https://HaydenRoeder1.github.io

Programming Languages

- Java
- Python
- C/C++
- C#
- HTML/CSS
- JavaScript
- R
- X86 Assembly

Frameworks and Environments

- React
- Bootstrap
- Linux
- .NET

PROGRAMMING EXPERIENCE

Online Portfolio: https://HaydenRoeder1.github.io

- **School Projects:**
  - Assembly compiler simulation using Java
  - Clone of a web-based game using Python
  - Linux-terminal based poker simulator using C
- **Personal Projects:**
  - Text based C++ Game for Hack BU 2019 Submission
  - React based weather app using Google Maps and Open Weather Map APIs
  - Multiple mobile and web-based games using C# and the Unity Game Engine
  - C# Web scraper to gather a question bank to study from for a geography class

EDUCATION & HONORS

Binghamton University, State University of New York — **Binghamton, NY**
BS degree in Computer Science — *Expected May 2021*
GPA: 3.8/4.00

- Dean's List: Fall 2017-Current

Canandaigua Academy — **Canandaigua, NY**
Awards: *June 2017*

- Rensselaer Medalist
- Excellence in Math and Science Award
- NYS S.T.E.M Incentive Program Award

WORK EXPERIENCE

Canandaigua Lake State Marine Park — **Canandaigua, NY**
Park Aide — *May 2018-August 2018*

- Gained experience in customer service and record keeping
- Managed park admissions, kept financial and attendance records, and performed maintenance work for the park
- Helped to direct traffic and assisted park attendees with various complaints

The Company Store — **Canandaigua, NY**
Stock Worker — *Summer 2015-Current*

- Gained experience in training new employees
- Performed tasks including merchandise stocking and general store maintenance

ACTIVITIES & INTERESTS

Interests: Game/Simulation Development, Hockey, Rock Climbing, Snowboarding, and Data Analytics
Relevant Coursework: Machine Architecture, Data Structures and Algorithms, Data Analytics, Linear Algebra, Discrete Mathematics, Statistics/Probability, and Microeconomics