JOSHUA MOSKOFF

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EXPERIENCE

NTopology   New York, New York
Software Engineering Intern (Platform Experience Team)   May 2022 - September 2022

- Development of autocomplete engine
- Created notebook search feature
- Lots of experience with Qt & CMake
- Maintaining Codebase (C++)

TwoMarshmallows   Toronto, Canada
Software Engineering Intern   June 2022 - September 2022

- Created time stamps for chat messages
- Designed user login cache
- Designed message prioritization feature
- Natural Language Processing

RPI SCOREC research   Troy, New York
Undergraduate research assistant   September 2022 - Current

- Designed 3d Bezier Mesh display and simulation
- Displayed using Qt and custom libraries
- C++
- Rust

PROJECTS

Sudoku Solver *C++*   See Github
A recursive solver capable of completing Sudoku and Killer Sudoku puzzles

Pong Clone *C++, Raylib*   See Github
A recreation of pong from the ground up.

Sorting Algorithm Visualizer *C++, Qt, Raylib*   In progress
Choose your preferred algorithm and data size and watch it sort.

Idle game *C++, Rust, Raylib, GMP*   In progress
Similar to Cookie Clicker or Egg Inc games.

EDUCATION

Rensselaer Polytechnic Institute   Troy, NY
BS Computer Science *GPA: 3.6*   2021 - Current
Data Structures, Algorithms, Computer Organization, Discrete Mathematics, Principles of Software
Clubs: *President of Society of Physics Students, IFC Delegate and Meal Manager of Phi Sigma Kappa chapter, Secretary of Tea Club, President of Rensselaer Greek and Roman*

SKILLS

Programming:	Object Oriented Programming, Modern C++, Rust, Java, Python, Qt
Math/Finance:	Advanced calculus, Differential equations, Macroeconomics
Computer Proficiency:	Google/Office Suite, LaTex, MATLAB, IT Help, Hardware/Software Knowledge