

Niko Lillios

505 Dryden Road
Ithaca, NY, 14850
nikolillios09@gmail.com
6502830792

Senior Computer Science student at Cornell University seeking software engineering role where I can grow my skillset and learn from experienced team members.

Key Skills

- C++
- Python
- JavaScript/TypeScript
- HTML/CSS
- Frameworks: Django, PyTorch, Angular, Qt

Professional Experience

Software Engineering Intern

Brilliant Home Technology, San Mateo, CA | May 2021 - August 2021

- Implemented a user-facing feature that was shipped to production using C++, Python, and JavaScript
- Wrote scripts to help team diagnose certain customer malfunctions or complaints
- Helped fix bugs throughout the codebase

Co-Founder

Culibra Software, Ithaca, NY | August 2020 - January 2021

- Developed an educational gaming platform using Node, Angular, HTML/CSS that allows K-12 teachers to play math games with students
- Implemented multiple web games adapted from physical board games
- Integrated games into a virtual classroom environment

Education

Bachelor of Science in Computer Science

Cornell University at Ithaca, NY | August 2018 - January 2022

Coursework: OOP and Data Structures, Algorithms, Database Systems, Discrete Structures, Systems Programming, Intro to ML, Computer Graphics

Projects

Ray Tracer

- Programmed a ray tracer that supports spheres, triangle meshes, specular and diffuse shading, and texture mapping
- Used: Python

RISC-V Assembly Interpreter

- Created an interpreter in C that processes a small subset of RISC-V Assembly instructions
- Used: C

GammonNet

- Implemented and trained a Backgammon bot using Temporal-Difference Learning
- Used: Python, PyTorch

Sudoku SAT-Solver

- Used python-sat to create a SAT solver that can solve sudoku puzzles
- Used: Python