

NICHOLAS PUESCHEL

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Henrietta unit 8, Rochester,
New York, 14623

🐙 blockheads

4th year Computer
Scientist at Rochester
Institute of
Technology. Looking
for Full Stack work.

Skills

PROGRAMMING LANGUAGES

Java

Python

C++

SOURCE CONTROL

Git

SVN

Education

Rochester Institute of Technology

BS Computer Science 2021

GPA 3.34

Employment

L3Harris

Software Engineering Co-op

Victor, New York

May 2019 to Dec. 2019

Developed simulators, and software in Python and C++ for embedded satellite systems.

Developed and Designed Tkinter Python GUI with SQL management.

FacilityConnex

Software Engineer Intern

Nashua, New Hampshire

May 2018 to Aug. 2018

Designed and developed prototype analytic catalog converter in Python on next generation cloud platform.

Projects

Screeps (JavaScript)

May 2020 to Current

Stateful AI design, with object oriented approach.

Maintains mapped data to clear time for CPU operations, handled by managers.

Conqueror Game (Python)

Apr. 2020 to Apr. 2020

Current project, constructing a RPG using Pygame library in Python.

Utilizes Perlin noise to generate map, and resources.

OpenGL Render(C++)

Apr. 2020 to Apr. 2020

Designed 3D scene from vertex points.

Custom shading using matrix operations.

Selenium Bot (Java)

June 2018 to July 2018

Constructed selenium web-app to automate

simple tasks efficiently. Command line customization in Java then

perform tasks via Selenium.

Awards

RIT · Rit College of Golisano Deans List

Spring 2018

Additionally made Fall 2016, Fall 2017, Spring 2018, Spring 2019

Activities

Smash Club · "Smasher"

July 2016 to Current

Competitor in Super Smash Bros. Melee tournaments