

NICHOLAS PUESCHEL

✉ nxp6155@rit.edu
☎ 6035025733
📍 4255 east river road
west Henrietta unit 42,
Rochester, New York,
14623

🔗 blockheads

3rd year computer
scientist studying at
Rochester Institute of
Technology,
interested in back end
development, game
engines, and artificial
intelligence.

Skills

PROGRAMMING LANGUAGES

Java
Python
C++

SOURCE CONTROL

Git
SVN

Education

Rochester Institute of Technology
BS Computer Science 2021
GPA 3.3

Employment

L3Harris Victor, New York
Software Engineering Co-op 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 Nashua, New Hampshire
Software Engineer Intern May 2018 to Aug. 2018
Designed and developed prototype analytic catalog converter in Python on next
generation cloud platform.

Projects

Map Overworld Generator Apr. 2020 to Current
Currently working on a map over world generator using python, and Perlin noise
to create realistic cities, factions, and resources as a generic template to a RPG.

Selenium Bot June 2018 to July 2018
Constructed selenium web-app to automate
simple tasks efficiently. Command line customization in Java then
perform tasks via Selenium.

Smartlad42 (Discord Bot) July 2017 to Current
Built Node JS app that
communicates with the discord client. Streams music as in a
randomized format. Implemented automated messages and voice
communication.

2D wargame Aug. 2016 to Apr. 2017
Unreal Engine 2D Platformer in C++
Designed custom physics, aiming trigonometry. Managed Unreal
Engine's collision detection.

Awards

RIT · Rit College of Golisano Deans List Spring 2018
Additionally made Fall 2016, Fall 2017, Spring 2018,

Activities

Smash Club · "Smasher" July 2016 to Current
Competitor in Super Smash Bros. Melee tournaments