

NICHOLAS KARPOVITCH

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EDUCATION

Temple University

Philadelphia, PA

2019-2024

B.S. Major in Information Science & Technology

GPA: 3.09

Relevant Coursework: *Systems Programming and Operating Systems, Database Management Systems, Network Architectures, Software Design, Quality Assurance and Testing, Programming in Python, Data Structures, Calculus , Discrete Math*

WORK EXPERIENCE

Programming Contract - Nondisclosure Agreement

June 2021 – Aug 2021

- Programming alongside a small team of network engineers and communicating with end-users
- Created command-line tools to help streamline workflows in controlling network infrastructure

Python Docker CheckPoint Visual Studio

Sales Associate - Saladworks

Nov 2017 – May 2019

- Worked alongside team members to provide quick and satisfactory service to fulfill customer needs
- Covered tasks such as cashiering, cleaning, food preparation, and stocking whenever possible

SKILLS

Programming Languages

C# C Python Java HTML CSS SQL GDScript

Frameworks, Libraries, Engines, & Databases

.NET Unity Godot NumPy ADO.NET SDL

Development Tools & Environment

Git GitHub Docker Jenkins Linux Windows Visual Studio JetBrains

PROJECTS

Live Game Tracker

- Created various tools to gather profile information for League of Legends and Destiny 2 using APIs provided by Riot Games and Bungie, respectively

[Python](#)[Riot Games API](#)[Bungie.net API](#)[Visual Studio Code](#)

Custom Reddit Dashboard

- Created a custom Reddit dashboard to fit a more desired flow of viewing saved content

[Python](#)[Reddit API](#)[Visual Studio Code](#)

Asteroids Game Remake

- Remade the classic arcade game Asteroids in Godot

[Godot](#)[GDScript](#)

Conway's Game of Life

- Recreated various cellular automation patterns based on the "The Game of Life" by John Conway

[Godot](#)[GDScript](#)

Maze Generator

- Depth-first search generation with Breadth-first search solving

[Java](#)[JetBrains](#)[JFC](#)

Sudoku Solver

- Basic recursive sudoku solver that iterates through each space linearly and then backtracks if necessary

[Java](#)[JetBrains](#)[JFC](#)
