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 API | 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

Course Registration System

- Add/Modify/Delete courses in system; Create schedules for a student through registration

C# | Visual Studio | .NET | ADO.NET | MS Access

Book Store System

- Worked on all components related to modifying the books and reviews in database
- Allows administrators to quick-fill information of books through Google's Books API

C# | Visual Studio | .NET | ADO.NET | MS Access | Google Books API

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

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

Python | Riot Games API | Bungie.net API | Visual Studio Code

Custom Reddit Dashboard

- Created a custom Reddit dashboard to fit a more desired flow for viewing and sorting saved content

Python | Reddit API | Visual Studio Code