

Georgi Petrov

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EDUCATION

Rutgers University

B.A. in ITI and CS - Honors Program - Rising Junior - GPA: 3.7

New Brunswick, NJ

Sept. 2024 – May 2028

Edison High School

Weighted GPA: 5.16

Edison, NJ

Sept. 2020 – June 2024

EXPERIENCE

System Administrator

Rutgers Cybersecurity Club

April 2025 – Present

New Brunswick, NJ

- Led setup and maintenance of Proxmox-based VM cluster supporting cybersecurity training and research
- Increased club readiness and preparedness for CCDC and CPTC competitions through practice VM deployment
- Managed pfSense firewall to segment and secure virtual environments
- Implemented infrastructure for Scarlet CTF (Capture the Flag) competition with **over 710** competing teams

Makerspace Student Worker

Rutgers University

September 2024 – Present

New Brunswick, NJ

- Operated and maintained Makerspace equipment including – 3D Printers, Laser Cutter/Engraver, Vinyl Cutter, Sewing + Embroidery Machines, Poster Printer
- Assisted students with safe operation of equipment and advised **150+** students on how to best accomplish end goal
- Handled multiple tasks simultaneously to accurately implement new equipment into Makerspace workflow
- Troubleshooted more than 30 machine failures and repaired equipment when possible
- Designed and created projects that improved user experience and increased the organization of equipment

Field Captain / Event Host

Bullseye Lasertag

August 2024 – Present

Woodbridge, NJ

- Manage **100+** customers a night, ensuring safety and smooth operation during events
- Troubleshoot and repair equipment in high-pressure scenarios
- Facilitated expansion of company services and led initiative to increase customer offerings
- Manage tight timetables with multiple back-to-back bookings in a day
- Facilitate customer use of party rooms, with a focus on customer experience
- Maintained 15-minute turnarounds from one party exiting to the next party having room available

PROJECTS

About Me Website | *Figma, HTML, CSS, Git, Oracle Cloud, Nginx*

May 2025 – Present

- Designed website UI in Figma from scratch for modern look, utilizing Material Design dark theme guidelines
- Refined element interactions in VS Code using HTML/CSS
- Published using Nginx web server on Oracle Cloud, utilizing DNS to link web server with custom domain

BoomFrame | *Python, Qt, APIs, HTTP, Git*

December 2024

- Developed a Python app with a GUI designed in Qt which uses async features to allow for responsive searching and updating of information
- Utilized API requests to get up-to-date information about market prices of all Warframe items
- Created easy installer of project onto local machine, enabling anyone to use with minimal technical knowledge required

TECHNICAL SKILLS

Languages: Java, Python, Bash, C, Risc-V Assembly, HTML/CSS

Developer Tools: Git, VS Code, Figma, Powershell, Nginx

AV Tools: Black Magic Video Systems, Element 2 Lighting Console, ChamSys MagicQ/QuickQ Lighting Systems

Other Tools: Microsoft Office Suite, Fusion 360 and basic CAD, Adobe Photoshop & Illustrator, VSCode

Operating Systems: Proficient in Windows with intermediate experience in Linux systems and MacOS