Georgi Petrov

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EDUCATION

Rutgers University   New Brunswick, NJ
B.A. in ITI and CS - Honors Program - Rising Junior - GPA: 3.693   *Sept. 2024 – Graduating May 2028*
Edison High School   Edison, NJ
Weighted GPA: 5.16   *Sept. 2020 – June 2024*

EXPERIENCE

System Administrator   April 2025 – Present
Rutgers Cybersecurity Club   *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   September 2024 – Present
Rutgers University   *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 **130+** students on how to best accomplish end goal
- Handled multiple tasks simultaneously to accurately implement new equipment into Makerspace workflow
- Troubleshooted more than 25 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   August 2024 – Present
Bullseye Lasertag   *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, 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 HTTP 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, Basic HTML/CSS
Developer Tools: Git, VS Code, Figma, Powershell, Bash, 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