Tommaso Gianni Graewe

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Education

Purdue University: Dual major in Cybersecurity & Networking Engineering   **August 2021 – December 2025**

- **Dean's list:** *3.6 GPA*
- Minors in Sociology & Organizational Leadership

DIS-Study Abroad: Social Science Programs   **May 2023 – July 2023**

- Psychology of Criminal Behavior (Copenhagen, Denmark)
- Psychology of Violence and Hate (Stockholm, Sweden) (Berlin, Germany)

Skills: Windows Administration, Unix Administration, Web Development, Network Engineering, Virtualization, Coding/Programming, Scripting, HTML, CSS, GitHub, Python, Java, Java Script, React, Wireshark, Cisco IOS, Communication, Teamwork, Conflict resolution, Cultural-awareness, Self-awareness

Projects

Web development   **November 2022 – Present**

- Developed front-end of websites from HTML/CSS for my personal portfolio and award winning class project.
- Purchased top level domains (TDLs) from Cloudflare and pointed those TDLs towards GitHub Pages.
- Learned React framework to further my web application development skills and contribute to projects made by previous developers.

Home Lab: Raspberry Pi, Server rack, Gamer server   **January 2022 – May 2023**

- Setup a robust Raspberry Pi server for seamless remote access to home network.
- Construct RAID-5 array to implement personal cloud storage with ownCloud.
- Hosted in house Minecraft server for users via my Dell server rack.
- Proactively blocked overseas port scans and changed default ports to prevent further scans.

Professional Experience

Greyhouse Coffee & Supply Co: *Barista*   **April 2023 – Present**

- Joined a startup business to further develop my communication skills through customer and team member interactions.
- Contributed to improving the restaurant's environment by offering innovative ideas and adapting to various roles, to meet the dynamic needs of the establishment.

Campus involvement

Ethical Hackers of Purdue (EHP): *Webmaster*   **January 2023 – Present**

- Maintained website and domain name along with adding improvements based on the clubs needs with personal implementation.
- Gained experience by learning a new environment in front-end development for my startup business.

Blue Team at Purdue (BTP): *Treasurer*   **August 2021 – Present**

- Competed in cybersecurity competitions including [National Collegiate Cyber Defense Competition (CCDC), Collegiate Penetration Testing Competition (CPTC), CyberForce, TracerFIRE, National Cyber League (NCL)].
- Firewall (Palo Alto) Admin and Windows System Administrator for CCDC placed 2nd in the Invatational recently.
- Implemented catering program for club competitions while organizing fundraising to secure the future of the club.

Purdue Information Technology Professionals (PITP): *Member*   **August 2021 – Present**

- Attended club meetings to learn and discuss more about the IT Industry with guest speakers.
- Critiqued short comings of club website as the back-end not using HTTPS also the interface used an outdated tool.