HANNAH FOPPOLI HERNANDEZ

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EDUCATION

New York University **Fall 2022 - May 2025**

NYU Gallatin School of Individualized Study, Second-Year

BA in Humane Technology: Computer Science, Ethical Design, Surveillance Capitalism

Relevant courses: Introduction to Computer Programming, Web Design & Computer Principles I, How Human? Cyborgs, Robots, Artificial Intelligence, Database Design and Implementation, Human Development, Code! 2 (Javascript II), Critical Making

The Fashion Institute of Technology **Fall 2021 - May 2022**

AAS in Advertising and Marketing Communications (transferred after first-year)

3.94 Cumulative GPA, Dean's List, Phi Theta Kappa Honor Society, Presidential Candidate for The National Society of Leadership and Success. Community Assistant, Residential Life Department (2021 - 2022) Senior Culture Editor & Writer, Blush Magazine (F/W 2021, S/S 2022)

LANGUAGES

Technological: Python, JavaScript, HTML, CSS, SQLite, Git, MongosDB, Pandas

Natural: Spanish (native), English (fluent), Japanese (conversational)

PROJECTS

Raman Spectrometer Shield Keychain- Reimagining Wearable Tech as a Tool for Synthetic Drug Detection (2023): Designed a groundbreaking handheld Raman spectrometer keychain, seamlessly combining wearable tech with rapid synthetic drug detection. Powered by Raspberry Pi technology for precise compound analysis through Raman spectroscopy, featuring a unique spectral signature system, cross-referencing an online database for substance identification. Utilizing Blender, designed a discreet, pocket-sized *shield* highlighting the intersection of science and wearable technology as vital life-saving tools.

***Adafruit* CPX Robot (2023):** Programmed a robot with ultrasonic sensors, wheels, and motors using MakeCode to successfully navigate mazes, incorporating maze traversal strategies such as backing up and turning left or right when encountering obstacles.

Portfolio Website (2023): Designed and developed a professional portfolio website highlighting robotics, programming, and magazine writing projects. Leveraged **HTML, CSS, and JavaScript** functions to create interactive and visually appealing web pages. Utilized Github Pages to host and deploy the website, ensuring optimal performance and accessibility.

Death Star Database (2022): Developed a **Python** program to establish a login and access control system for the Death Star super-weapon, ensuring strict access restrictions based on user credentials and hierarchical ranks. Efficiently verified user credentials against a designated file containing names and ranks, enabling authorized execution of actions based on the user's assigned rank.

Red Leader, Ready (2022): Created a **Python** program designed for tracking and evaluating pilot test performance, enabling accurate assessment of individual scores while generating detailed cohort reports. Implemented intelligent cohort grouping based on user input, allowing for varied training activities and performance evaluation with features such as the "drop lowest score" option for tailored assessment of pilot performance.

Investigating a Chancellor (2022): Conducted comprehensive analysis of a vast dataset comprising 10,000 text files, employing meticulous examination and advanced processing methods in **Python**. Generated a comprehensive report showcasing file distribution based on classification level, year of publication, authors, and topics, providing valuable insights for informed decision-making and strategic planning purposes.

EXPERIENCE

Leadership & Strategic Planning:

Senior Culture Editor, *Blush Magazine* (2022):

- Successfully implemented vision, roadmap and strategy of the Culture department to ensure deliverables were executed on time and with maximum editorial accuracy.
- Increased editorial productivity of a team of 7 editors by 80% in the first 3 months by creating and enacting an organized meeting structure and consistent cadence of team and 1:1 meetings.

PROFESSIONAL EXPERIENCE ON NEXT PAGE

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EXPERIENCE

Customer Service:

NYU Client Services Center, New York University (January 2023 - August 2023):

- Provided exceptional customer service to University clientele by efficiently processing 300+ of inbound calls and emails daily, ensuring a 95% issue resolution rate.
- Created and managed work orders ensuring streamlined tracking and organization of client requests through ServiceLink.
- Exhibited strong organizational and communication skills in a dynamic office environment.
- Thrived in a fast-paced, high-productivity setting, actively contributing to the completion of multiple projects and side-tasks.

Pharmacy Technician, CVS Health (June 2022 - August 2022):

- Collaborated closely with healthcare providers, insurance companies, and patients to troubleshoot issues, ensuring seamless medication management.
- Performed efficient filing, phone, and register operations, maintaining accurate prescription records and supporting smooth pharmacy operations.

Community Assistant, FIT Residential Life (August 2021 - May 2022):

- Resolved time-sensitive issues and conflicts, achieving a 90% reduction in escalations and enhancing resident satisfaction.
- Managed an average of 50+ daily clerical tasks and phone calls, ensuring accurate documentation and efficient problem-solving.
- Advised residents and parents on housing policies, providing clear and concise information.

Store Associate, CVS Health (May 2020- August 2021):

- Successfully managed and maintained accurate inventory on a weekly basis, resulting in 99% inventory accuracy rate.
- Efficiently handled customer aid and checkout assistance as the first point of contact, serving an average of 100+ customers daily.
- Collaborated with the team to ensure systematic store operations, contributing to a smooth workflow and enhanced customer experience.

Full-Time Technology Intern, Guilderland High School (June 2019 - September 2019):

- Completed a 40-hour per week internship as a sophomore. Successfully installed, configured, and set up 150 computers in high school classrooms, meeting the project goal within the internship duration.
- Organized and streamlined the workflow of the immediate team, ensuring efficient enrollment, setup, and distribution of Chromebooks to all K-9 classrooms.
- Implemented assembly line-like stations and distributed tasks among the team members, optimizing productivity and achieving timely completion of assignments.
- Troubleshot faculty issues and provided timely resolution through phone support, ensuring uninterrupted technical support for the school staff.