

Justin Ciocoi

Software Engineering and Information Security

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[Portfolio](#)

EXPERIENCE

District Council No. 9 Funds Dept., New York City, NY — Technical Support Intern

February 2022 - PRESENT

Worked as a technical support intern where I was tasked with various technical tasks including, but not limited to, updating and maintaining network connectivity across all LAN devices, setting up new devices, solving hardware issues, and developing technical shortcuts to existing problems

Howard I. Shapiro and Associates, Lynbrook, NY — Intern

February 2022 - PRESENT

Worked as an intern at Howard I. Shapiro and Associates Engineering Consulting firm where I was tasked mainly with network organization, file system maintenance, and website development of the company [site](#)

EDUCATION

John Jay College of Criminal Justice, New York City, NY — Bachelor's of Science in Computer Science and Information Security - GPA: 3.94

January 2023 - August 2024

I studied Computer Science and Information Security at school, where the main focus was on sustainable and safe programming practices, mostly using C++, as well as cybersecurity concepts and real-world strategies

PROJECTS

PasswordVault — A personal backup strategy for password storage and maintenance

PasswordVault is a simple set of bash scripts which allow a user to use a remote ssh connection to, for example, a home machine in order to encrypt text files which contain passwords and securely transfer them to a home machine from a remote computer. By default, only the computer which created the encrypted password file will be able to decrypt it and see its contents. Project files can be found [here](#)

HapticMetronome — A metronome application which uses haptic feedback developed for Apple's WatchOS

HapticMetronome is a metronome for Apple WatchOS which uses haptic feedback to provide a silent metronome experience. HapticMetronome is written in swift and project files can be found [here](#)

More Projects can be found [here](#)

SKILLS

Coding experience in C/C++, Python, JavaScript, Swift, SQL, BASH/ZSH, Java, and Ruby

Experience using Git and GitHub, as well as Docker and DockerHub as part of the software development life cycle

Great understanding of cybersecurity, including conceptual knowledge, prevention and mitigation, and cryptographic algorithms

Ability to integrate systems as well as troubleshoot and solve many different hardware issues

AWARDS

Dean's List for all semesters enrolled at John Jay College

Summa Cum Laude at John Jay College

LANGUAGES

Fluent in English and Romanian

Proficient in Spanish (NYS Seal of Biliteracy in Spanish)