

EDUCATION

New York, NY **Yeshiva University, Yeshiva College** **2021 – 2025**

- B.A. in Computer Science | GPA: 3.68 | Dean’s List (2021 – 2024)
- Relevant Coursework: Intro to CS, Data Structures, Math for CS, Algorithms, Design & Analysis of Algorithms, Computer Org & Assembly Lang, Operating Systems, Programming Languages, Artificial Intelligence, Parallel Algorithms and Programming, Modern Data Management, Calculus I, Linear Algebra

EXPERIENCE

Poughkeepsie, NY **IBM** **Summer 2024 – Present**

- Backend Developer Intern → Part-Time, z/OS System SSL/TLS Software Programming Team
- Designed and implemented a robust CI/CD pipeline using Jenkins, Python, and Bash scripting to automate weekly testing, shortening the process by 75%, eliminating 4–6 hours of manual work, and enabling the team to focus on other tasks.
 - Integrated the pipeline with Slack to deliver real-time automated test reports, significantly improving result visibility and facilitating quicker, more effective failure investigations.
 - Collaborated with team members to design, implement, and optimize code while developing problem-solving, debugging, and communication skills.
 - Gained hands-on experience with secure software development practices and the software development lifecycle, while embracing a growth mindset and continuously seeking learning opportunities.

Chicago, IL **Camp Chai** **Summer 2023**

- CTO and Administrator
- Spearheaded the integration of CampMinder software, streamlining enrollment and tuition payment processes to improve efficiency and minimize errors.
 - Developed and maintained dynamic scheduling systems, utilizing data-driven insights to optimize staff assignments and camper activity coordination.
 - Collaborated with cross-functional teams, including camp directors and counselors, to ensure smooth operations, managing logistics such as trip planning, transportation arrangements, and vendor communication.

New York, NY **IBM** **Summer 2022**

- Client Engineering and Technical Sales – Accelerate Program Participant
- Selected for a competitive professional development program for high-potential undergraduate students, focused on building foundational business acumen and enhancing client engineering and technical sales skills under the guidance of seasoned IBM professionals.
 - Collaborated with a five-person team to design and develop a customer service chatbot system for a bank, leveraging IBM Watson's AI capabilities to improve customer interactions and satisfaction.
 - Engaged with bank stakeholders to gather requirements, align on goals, and ensure the solution addressed key business needs effectively.

TECHNICAL EXPERIENCE

Projects

- **Personal Book Database (2024)** – Developing a personal book database using Java (Spring Boot) and MongoDB for backend CRUD operations, with a responsive React frontend.
- **Personal Portfolio Website** – RafaelNemet.com – Website to showcase my software engineering projects.
- **Document Store and Search Engine – Semester Project (2022)** – Built a search engine using data structures to store and search for documents and images. Created using Java, Maven, JUnit, Git, and GitHub.

Languages and Technologies

- **Programming Languages:** Java, Python, C, Bash
- **Operating Systems:** Windows, Linux, Mac OS, z/OS
- **Tools and Frameworks:** SQL, MongoDB, Jenkins, Maven, JUnit, Git, GitHub, IntelliJ, VS Code, Office Suite