

Sydney Richman

[linkedin.com/in/sydney-richman-8246b01b4](https://www.linkedin.com/in/sydney-richman-8246b01b4) | sydneyrichmann@gmail.com

917-573-4166 | New York - Metro Area

EDUCATION

University of Maryland

Bachelor of Science, Major: Computer Science

College Park, MD

8/2023 - 5/2027

Forest Hills High School

HS Diploma (GPA: 4.0)

Forest Hills, NY

7/2019 - 5/2023

- **Relevant Coursework:** Database Technology, Intermediate Robotics, Object Oriented Programming Beyond Fundamentals, Calculus 2, AP Computer Science A, AP Calculus AB, AP Statistics, AP Physics C
- **Languages:** Python, Java, HTML, Swift, JavaScript, and CSS
- **Technologies:** Figma, TinkerCAD, Canva

PROFESSIONAL EXPERIENCE

President

Girls Who Code

Forest Hills High School

9/2020 - 6/2023

- Taught HTML/CSS, Python, Figma, and JavaScript to ~30-40 students weekly, developing and delivering lessons tailored to preferred learning styles
- Oversaw decisions regarding club direction, including spearheading project-based learning and student speaker initiatives
- Mentored underrepresented students interested in computer science

Hostess

Mojo Latin Restaurant

Forest Hills, NY

6/2022 - 9/2022

- Navigated high-pressure customer seating situations to prioritize business profit and decrease wait time
- Acted as a liaison between customers and managers to resolve customer problems
- Seated over ~300+ customers per day

Social Media Intern

NYU Langone Hospitals

Remote

6/2021 - 12/2021

- Read and annotated ~15 NYU research papers, translating key information to canva visualizations
- Crafted and curated infographics to drive interaction and increase outreach on NYU social media pages

Assistant Chef

SYEP - Young Chefs Academy

Forest Hills, NY

6/2021 - 9/2021

- Developed and taught staffing organization workflow to streamline assistant chef schedule organization
- Taught children cooking basics and kitchen safety, created schedules for staff, and supported the head chef with time management of lessons

PROJECTS

ALLerGy (<https://github.com/nancyputhenpurayil/Technica2023.git>)

- Curates a menu of Chick-fil-A items that align with ones dietary restrictions by using Java and VS Code

Gym Tracking Tool

- Enhanced operational efficiency for a local gym by developing a website that integrated a plugin to manage sign-ups, and processing vaccination documentation during the COVID-19 pandemic

EXTRACURRICULARS

Engineer and Documentarian

FIRST Tech Robotics Team (22360)

Forest Hills, NY

9/2022 - 6/2023

- Authored comprehensive technical documentation for the robotics team and actively contributed to the construction of the robot

Babysitter

Private family

Forest Hills, NY

6/2022 - 6/2023

- Prepared meals, presented engaging activities, and foster appropriate hygiene practices
- Established a structured evening routine for enhanced predictability and organization

English and Math Tutor

Private family

Forest Hills, NY

3/2019 - 6/2022

- Led bi-weekly ELA and math sessions for two middle school students, instilling effective study habits, and increasing scores on the SHSAT (high school placement exam) by roughly 100 points
- Communicated student progress with parents and incorporated feedback

ACCOMPLISHMENTS AND AWARDS

- FIRST Tech Robotics New York City Regional Design Award (2022)