

# Santiago Rodriguez III

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## EDUCATION

**University of Notre Dame**, Notre Dame, IN | GPA: 3.6 May 2024

**Major:** Computer Science, College of Engineering **Minor:** Innovation & Entrepreneurship, Mendoza College of Business

**Relevant Course Work:** Systems Programming, Data Structures, Logic Design, Programming Languages, Compilers

**Cardinal Hayes High School**, Bronx, NY June 2019

## TECHNICAL SKILLS

**Programming Languages:** Python, C, C++, Bash-Scripting, HTML/CSS, Verilog

## TECHNICAL PROJECTS

**Dark Web Market Research**, Notre Dame, IN April 2022 - Present  
*Coder/Research*

- Joined a team of students and professionals interested in the data, data transfers and IT platforms related to illegal digital commerce on the Dark Web
- Researched for markets, and once a market was found, prepped a web-scraping bot to pull all the listings on the site.
- Maintained anonymity by practicing safe cyber measures, relaying on tor network, and working under a VPN.
- Worked in Linux, Python/Selenium. For more info: <https://yld.me/aPTj>

**Preternship Software Engineer - Data Structures Project** Jan 2022 - May 2022

- Developed, implemented, and tested the Gale-Shapley Algorithm to create matching making application for professors to use.
- Ideated, designed, and implemented the project form. Identified critical tasks, determined project dependencies and design considerations, assigned specific resources and specifications, developed task effort and duration estimates with team members, and created and tracked the project schedule.
- Delivered weekly code reviews and professional memorandums detailing project progress, assessed risks and alternatives, developed prototypes, and determined new project objectives.
- Made in python. Libraries used Pandas, ImapLib, Pandas, email, NumPy.

## WORK EXPERIENCE

**IBM**, San Francisco, CA May 2022 - Aug 2022  
*Brand Technical Sales*

- Assisted IBM NW's Business Automation portfolio in their development, management and execution on strategies and tactics for closing business.
- Performed in-depth assessments of customer processes to uncover and understand the customer's business issues, in which I generated 4 leads via cold emailing/calling.
- Worked intimately with IBM's Cloud and A-I solutions to prepare client use-case demonstrations and decks.
- Participated in a case study in which we pitched an IBM's Infosphere to multi-channel-based retail stores.

**Stifel Financial Corp**, New York City, NY May 2021 - Aug 2021  
*Financial Analyst/Intern*

- Created financial models for managers that monitored their respective bankers' success on deals, and more.
- Fixed a 3 year long issue pipeline issue by analyzing and refining deal memos in Stifel's database. This fixture improved data and allowed for Manager's to create more effective deals.
- Reviewed and filed monthly sensitive tax reconciliation reports for the IRS.
- Worked in Salesforce/Microsoft office and completed Training the Street Module.

## LEADERSHIP / SERVICE

**Management Leadership for Tomorrow** Jan 2022 - Present  
*Member*

- A career prep program for underrepresented, high achieving students that emphasizes leadership and professional growth.

**Ascend Tutoring**, Notre Dame, IN June 2021 - Present

- Tutored a small cohort (5) of first years on topics ranging from pre-calculus to calculus III.
- Served as mentor to the students by helping them transition into college life.
- Provided students with successful studying strategies, so that they can improve test scores and enhance their current learning methods.

**Wabruda**, Notre Dame, IN Sept 2020 - Present  
*Vice President*

- All Male-black club on Campus whose mission is focused on empowering members, cultivating community, and spirituality.
- Visited local schools and volunteered at shelters to meet with community members
- Promoted inclusivity throughout campus by hosting intellectual discourse, video game tournaments, and social events.

## ACTIVITIES & INTERESTS

NSBE | Dunne Hall | Mustangs | Anime | Gardening | Open Source | Web3 | Galvin Scholar | E-Barb | Unix | Mixed Reality | AI/ML