Santiago Rodriguez

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github.com/svntii ↗ svntii.github.io

🎓 EDUCATION

Computer Science, *University of Notre Dame*

May 2024 | Notre Dame, USA

Minor: Innovation & Entrepreneurship

🧠 TECHNICAL SKILLS

C/C++ Python Frontend Dev JavaScript

ARM OCaml Scheme

📁 PROJECTS

Dark Web Market Research, *Researcher*   May 2022 – Sep 2022
- 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

B-Minor Compiler, *Compilers and Language Design* ⧉   Sep 2022 – Dec 2022
- Constructed a working compiler that transforms C into x86 assembly.
- The project was broken down into five steps, requiring the construction of a scanner, parser, type checker, source translator, and code generator.
- Covered a broad array of topics in computer science, ranging from the abstract theory of automata to the very practical details of assembly languages

Preternship - Data Structures Project, *Software Engineer*   Jan 2022 – May 2022
- Developed, implemented, and tested the Gale-Shapley Algorithm to create matching making application for professors to use.
- Identified critical tasks, determined project dependencies and design considerations.
- 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.

💼 PROFESSIONAL EXPERIENCE

Brand Sales Engineer, *IBM*   May 2022 – Current
                                                                                                                                                                            San Francisco, USA
- Assisted IBM Northwest's 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 generated10 leads via cold emailing/calling.
- Worked intimately with IBM's Cloud and AI 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

🏠 ORGANISATIONS

Management Leadership for Tomorrow   Jan 2021 – Current
- A career prep program for underrepresented, high achieving students that emphasizes leadership and professional growth.

Wabruda, *Vice President*   Sep 2020 – Current
                                                                                                                                                                            Notre Dame, USA
- 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.

✨ INTERESTS

NSBE | Dunne Hall | Mustangs | Anime | Gardening | Fishing | DJ-ing | E-Barb | Web3 | XR | PopOs