Freddy Fabian

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EDUCATION
Wesleyan University, Middletown, CT   **May 2025**
Bachelor of Arts, Majors: Computer science & Art Studio

SKILLS & INTERESTS
Programming: Front and backend web & app development (HTML, CSS, Javascript, C, Ruby, PHP), Data Analysis (R, python), Web Scraping, SQL, Ocaml & SML (object oriented), Alloy (models), Machine learning (python)
Frameworks/tools: React, Flask, Jekyll, Adobe Illustrator, Adobe Photoshops, Git & Gitlab, Jupyter notebook
Interests: Scuba diving, Graphic Design, Day trading (Options)

WORK EXPERIENCE
Backend Developer & Data enrichment, Playbook Sports, Hoboken, NJ   **June 19 - August 25 2023**
- ❖ Consulted the CEO and sales team on client outreach and data collection strategies, utilizing APIs and data-driven insights to optimize client outreach and team workflow.
- ❖ Developed and maintained a Python web scraper system that extracted necessary data from links stored in Google Sheets, resulting in an 80% improvement in data collection efficiency.
- ❖ Developed a client acquisition script with the Pipl API streamline client identification and outreach.

AI Developer, MaxedS, Naperville, Illinois   **August 25, 2023 - October 4, 2023**
- ❖ Leveraged the OpenAI API and AI models on Griptape to create AI-driven SaaS solutions.
- ❖ Developed a financial agent with AI through Griptape models, to automate accounting tasks for businesses.
- ❖ Designed and implemented an intelligent email summarization system, for converting client emails into actionable tasks.

Freelance Disc Jockeying, NY & CT   **2017 - present**
- ❖ Created captivating screen visuals for performances using Shader code
- ❖ Delivered engaging performances and created seamless mixes between diverse music genres and trends.

ACTIVITIES & PROJECTS
Lead Backend Developer & Marketing, OurCampus, Middletown, CT   **November 4, 2022 - present**
- ❖ Created production-level Firebase Functions, including cloud functions, to scrape information from Wesleyan Organizations/events and reviews to create functionality for an app used by over 400 students daily. Such as daily updated menus and daily updates on upcoming events.

Researcher, Programming languages and privacy group, Middletown, CT   **September 4, 2023 - present**
- ❖ Explored diverse phishing detection methods, including data mining, Bayesian classification, and machine learning algorithms.
- ❖ Conducted evaluation and presentation on DNS tracking research methods and defense methods
- ❖ Investigated Google's large scale classification and Bayesian anti-phishing toolbar(B-APT)

Full-stack developer, Privacy Messaging App, Middletown, CT   **January 28, 2023 - May 5, 2023**
- ❖ Utilized Firebase to set up chat rooms and collaborated with my team to implement AES-256 bit encryption with a layer of RSA to ensure end-to-end encryption and a private connection between users.
- ❖ Designed and Implemented a decentralized app-inspired feature that prevents manipulation of context by deleting messages that come after any message that either user deletes.
- ❖ Developed a screenshot blocking feature, inspired by Netflix, to prevent sensitive content from leaving the chat.
- ❖ Wrote a poof of concept for a way to prevent other devices from taking images of our app's chat screen.

LEADERSHIP
Social Media Coordinator, Lost In The Blue, Placencia, Belize   **May 10, 2023 - Present**
- ❖ Managed the documentary's social media accounts and marketing, with the goal of gaining funding and an audience to enter the documentary into a film festival.
- ❖ Created engaging content underwater and above water with the team, that showcases the importance of conserving the coral reef ecosystem in Belize.