Emily Dominguez

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Education

University of Michigan   *Expected Graduation: May 2025*
B.S. Computer Science | B.B.A. (Finance and Technology) 3.5/4.0
Awards: PIMCO Future Leaders Scholar, ZLI Baranwal Scholar, LEAD Scholar, U of M Regents Scholar, 2021 HS Valedictorian

Skills

Languages/Frameworks: Python, C++, C, JavaScript, Bootstrap, CSS, HTML, SQL, TypeScript, React
Tools: Git, XCode, Visual Studio, PyCharm, MySQL, Flask, AWS, Figma, Django, Snowflake, Cassandra

Experience

Morgan Stanley   **New York City, NY**
Investment Banking Summer Analyst   *June 2024 - Aug 2024*
- Managed due diligence calls and synthesized financial and legal information across 3 months, ensuring smooth information flow between clients and senior bankers, executing a $2.1B acquisition between PDC and Cheney Brothers
- Evaluated financial performance metrics and public trading comparables to assess potential acquisition targets for 2 Fortune 500 clients, enhancing efficiency and accuracy of financial and strategic advice given to clients

Alza (startup funded by Thrive Capital and Brex)   **New York City, NY**
Product Manager Intern   *Feb 2024 - May 2024*
- Led end-to-end investigation of account funding drop-off, using Heap analytics, SQL cohorting, and 10+ user interviews, uncovering major UX confusion and launching in-app explainer video with founder, driving a 10% increase in active users
- Simplified onboarding by identifying home address verification as the top KYC blocker, benchmarking competitor flows and proposing geolocation-based solution, shaping the product roadmap and improving completion rates by 5%

Apple   **Cupertino, CA**
Software Engineering Intern   *May 2023 - Aug 2023*
- Developed algorithms to eliminate linkage between electronic devices and consumers, by tokenizing Personally Identifiable Information using Python, Snowflake, and Cassandra, ensuring privacy for Apple device users and data leakage tolerance
- Systematically examined tokenization methods and assessed capabilities and outcomes through benchmarking tests, measuring efficiency, collision probability, and CPU usage across different scenarios, determining optimal solution

Microsoft - M365 Core   **Redmond, WA**
Software Engineering + Product Manager Intern   *June 2022 - Aug 2022*
- Designed and authored core functionality (engineering specs) for product by defining success metrics, conducting user interviews, diagnosing pain points and user requests, optimizing implementation and user satisfaction
- Utilized ReactJS and Redux to implement Tinder-like front-end navigation, designed pages with HTML, CSS, and Bootstrap and web scraped 350+ careers displayed by using Python/Beautiful Soup, meeting 100% web app validity

PwC - Paragon One   **Ann Arbor, MI**
Non-Profit Consulting Extern   *Feb 2022 – Present*
- Analyzed Matriculate's student acquisition process by incorporating college/career/tech trends, finding corporate partnerships, email marketing, and more user-friendly website could increase student retention and website traffic by 15%
- Conducted comparative analysis of 10+ edu. non-profits to identify market position and industry-leading practices, leveraging visual dashboards and data-informed storytelling to present to PwC executives

Leadership and Organizations

GrowFi: growfi.framer.website - *Project Founder*   *Dec 2024 – Present*
- Defined product vision by identifying financial lit100E(acy)-269(g-15(ap)-270aedming)-270(collem)20ite studeips,val(ating