JAMES "ALEX" CANFIELD

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Summary: Experienced and driven Information Systems graduate possessing a robust blend of technical and business skills. Committed to leveraging technology to fuel innovation and enhance efficiency while promoting seamless cross-functional collaboration.

EDUCATION

GEORGE WASHINGTON UNIVERSITY, School of Business — May 2023
Bachelor of Science, Information Systems Major, Psychological and Brain Sciences Minor — Washington, D.C.
GPA 3.74, Magna Cum Laude, Varsity Athlete, GWMR Executive Board Member

Relevant Projects: Collaborated with several students to develop a small business inventory management system. Used the Agile methodology to determine business owner needs, define scope, create use cases and user stories, and ultimately design and build product's frontend, backend, and database using HTML, CSS, JS, PHP, and SQL.

Technical Skills: Proficient in Python, HTML, CSS, JavaScript, PHP, SQL, Adobe Suite, Excel, Word, Figma, Google Workspace, Databricks, Java (Basic), R (Basic), React, Jira, Sharepoint, Lucid, Splunk (Basic), Angular, .NET (Basic)

EXPERIENCE

POTOMACWAVE CONSULTING — October 2023 - July 2024
Data Insight Generator (FedDataCheck) — Arlington, VA
- Refined and evolved a suite of 40+ dynamic, ad hoc reports focused on federal procurement, strengthening over 10 federal clients' data-driven decision-making processes
- Led transition to a web-based reporting solution developed with Angular, building a highly flexible and reusable application enabling reports to be created and updated entirely from our backend, reducing maintenance overhead for product team and cutting report load times from minutes to seconds for clients
- Optimized report performance by simplifying complex SQL queries and implementing advanced database management techniques, enhancing efficiency of data integration and handling while iterating on client feedback to ensure product met requirements and expectations

SONY — May 2023 - August 2023
Program Management Intern — Herndon, VA
- Developed 20+ tailored KPIs, aligning teams with Corporate Information Security Department objectives
- Collaborated with Program Management Office (PMO) team to define and disseminate portfolio goals, refining and optimizing KPIs for maximum effectiveness
- Engineered a scalable, automated process to implement KPIs and analyze performance data in Excel, enabling identification of key insights and actionable recommendations for continuous PMO improvement
- Demonstrated adaptability and strong understanding of program management principles by shadowing multiple program managers, gaining valuable insights into coordinating cross-functional teams to achieve project objectives

SYNACK — July 2022 - January 2023
Product Management Intern — Washington, D.C.
- Designed a new open-source intelligence product to compete in cybersecurity market, partnering with a product team comprised of software engineers, data scientists, and UX designers working in an agile environment
- Increased product efficiency by identifying inefficiencies and using Python to automate repetitive tasks
- Managed teams of crowdsourced ethical hackers from diverse backgrounds to collect critical data and create 30+ reports for globally recognized companies and government agencies

SKILLS/ACTIVITIES

Achievements: 2023 American Collegiate Rowing Association All-American Academic, ACRA 2022 National Champion in Men's Collegiate Second Varsity 8, Dean's List (x4)
Certifications: AWS Introduction to Cloud 101 2024, AWS Introduction to Generative AI 2024, React Essential Training 2023, WISE Personal Finance Literacy Certified 2019, Workplace Readiness Certified 2018
Interests: Hiking and outdoors, Cycling, Video Production, Sustainability, Website Design, Music, Rowing