Daniel M. Sachs

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SUMMARY

Multi-disciplinary data analyst with a strong interest in finance paired with computer science skills, looking to build technology and systems, working with large amounts of data, and making data driven decisions.

EDUCATION

Cornell University — **Ithaca, NY**
Bachelor of Science (BS) in Computer Science – **College of Engineering** — *Expected May 2027*
Concentration: Data Analytics & Machine Learning — GPA: 3.73/4.0

- Relevant coursework: Object Oriented Programming & Data Structures (Java), Intro to Computer Sci. (Python), Intro to Android Development (Kotlin), Multivariable Calculus for Engineering

Forest Hills High School — **Forest Hills, NY**
Academic Honors: Summa Cum Laude, Carl Sagan STEM Program focus in Computer Science — *June 2023*

- Relevant coursework: AP Computer Science A, Database Technology (AWS Cloud Foundation & Architecting), Intro to Electrical Engineering, Economics, Principles of Accounting
- GPA: 103.22/100

PROFESSIONAL EXPERIENCE

Purple Palm Design — **Remote**
Full Stack Web Developer — November 2023 – Present

- Developed and launched 3 commercial websites using HTML, CSS, and JavaScript, resulting in a 20% increase in client acquisition and a 15% boost in online sales
- Assisted in pushing websites into production utilizing shared hosting, editing DNS records, and organizing files on the server
- Exercised exemplary leadership skills to provide support throughout the project life cycle, including conducting tutorials, providing ongoing website maintenance, and timely answering client queries
- Built an operational framework and procedures for developers and designers to follow when engaging with a new client

PERSONAL PROJECTS

FoodFinder
Founder — November 2023 – December 2023

- Users can post/find local eateries with reviews and descriptions
- Implemented frontend and backend services using Android framework and Kotlin, resulting in a seamless user experience and a 40% increase in user engagement
- Managed a team of 4 programmers, achieved improvement in project completion time through effective delegation and coordination

First Robotics – Team 22359
Lead Programmer — September 2022 – June 2023

- Designed and implemented logic for autonomous and manual algorithms in C++, contributing to a 50% increase in the efficiency of robotics operations
- Mentored programmers and oversaw backend systems, leading to a reduction in system downtime increasing overall team productivity

AWS Cloud Foundation & Architecting
Student Cloud Practitioner — June 2022 – September 2022

- Designed and implemented logic for autonomous and manual algorithms in C++, contributing to a 50% increase in the efficiency of robotics operations
- Mentored programmers and oversaw backend systems, leading to a reduction in system downtime increasing overall team productivity

SKILLS

Programming: Python [Advanced], Java [Advanced], Kotlin [Intermediate], JavaScript [Intermediate], SQL [Beginner] HTML/CSS [Beginner], C++ [Beginner]
Tools/Other: MySQL, AWS, GIT, Rails, Microsoft Office, Adobe Products
Interests: Gym, Cars, Traveling, Reading