ALEXANDRU D. SOROIU

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EDUCATION

Bachelor of Science - Business Administration and Computer Science. Specializing in Finance; Minoring in Math   **May 2027**

Wagner College │ Staten Island, NY

Relevant Modules: Intro to Programming, Techniques of Programming, Data Structures, Linear Algebra, Statistics for Business

Student Organizations: Student Government, Google Developer Student Club, Student Investment Fund, and Amnesty International

Dean's List Fall 2023

SKILLS & ADDITIONAL INFORMATION

Technical: Pinecone, Firebase, JavaScript, Next.js, Node.js, React.js, TypeScript, HTML, Tailwind CSS, Python, C/C++, MySQL/Postgres

Languages: Romanian (fluent), Italian (advanced), Spanish (conversational), and French (basic)

Interests: Running, hiking, traveling, reading, cooking, watching sunsets, listening to music, and volunteering

Activities: Job Searching Skills Path & Leadership Path by ANY, TIP102 CodePath, The Tech Cadets, WeCracked, and AT&T Technology Academy

EXPERIENCE

Software Engineer Fellow   **July 2024 - September 2024**

Headstarter AI │ New York, NY

- Built **5+** AI apps and APIs using **NextJS**, **OpenAI**, **Pinecone**, and **StripeAPI** with 98% accuracy as seen by **100 users**
- Created projects from design to deployment leading 4+ engineering fellows using **MVC design pattern**
- Coached by Amazon, Bloomberg, and Capital One engineers on **Agile**, **Git**, and **microservices pattern**

Computational Chemistry Research Assistant & Web Developer   **May 2024 - August 2024**

NYU Langone Health │ New York, NY

- Mapped a comprehensive website featuring **20+** research projects in technology, chemistry, and medicine using **HTML**, **CSS**, and **JavaScript**
- Drove cutting-edge computational chemistry research, securing two healthcare advancements and boosting outcomes by **30%** through strategic expertise

Software Developer & Web Designer   **January 2022 - August 2023**

BD BOTTING HUB SRL │ Brasov, Romania

- Supervised a team to **increase productivity** by **30%** and implemented a credit card payment system with **Python** and **JavaScript**, boosting transactions by **20%**
- Conceptualized a **WordPress** page, increasing **website traffic** by **50%** and **conversion rates** by **20%**, and achieved **30%** annual sales growth with **marketing strategies**

PROJECTS

GameStock   **July 2024**

WeCracked

- Built GameStock with **TypeScript**, **React**, **Tailwind CSS**, and **Next.js**, winning **2nd prize** at a **24-hour** hackathon
- Integrated real-time stock data from **Yahoo Finance** and **FinnHub APIs**, creating a seamless **UI**

SaaS AI Flashcards Tool   **July 2024**

Headstarter AI

- Developed a SaaS AI flashcards platform using **Next.js**, **React**, and **TypeScript**, integrating **OpenAI API** for content generation and **MUI** for a seamless user interface
- Implemented secure authentication with **Clerk**, managed payments via **Stripe API**, and utilized **Firebase** for real-time database and hosting

VOLUNTEERING ENGAGEMENT

- Spearheaded blood donation efforts, contributing over **1 gallon** of blood and **300+** volunteer **hours** to the New York Blood Center