

ALEXANDRU D. SOROIU

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• PORTFOLIO

EDUCATION

Bachelor of Science - Business Administration and Computer. Specializing in Finance; Minor in Math

May '27

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

KEY SKILLS

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

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

WORK EXPERIENCE

Software Engineer Fellow

Jul '24 - Present

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**

Tech Cadet

May '24 - Present

The Tech Cadets | Remote

- Cooperated with a group of **7** to create a binary escape game using **HTML**, **CSS**, and **Javascript**
- Facilitated **communication** and **teamwork** through leadership in **2** collaborative projects
- Skyrocketed insights and guidance for a **successful tech career** from **6** industry professionals

Software Developer & Web Designer

Jan '22 - Aug '23

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**

INTERNSHIP EXPERIENCE

Computational Chemistry Research Assistant & Web Developer

May '24 - Present

NYU Langone Health | New York, NY

- Mapped a comprehensive website featuring **20+** research projects in technology, chemistry, and medicine using **HTML**, **CSS**, and **JavaScript**
- Fortified hands-on to cutting-edge research in **computational chemistry** and championed **2** healthcare advancements through the strategic application of technical expertise and **passion for science**

Tech Engagement Intern

Jun '24 - Jul '24

AusomeTech | Staten Island, NY

- Elevated **job placement rates** for young adults with autism by **30%** through tailored tech training
- Enforced **inclusive learning** environments for Computer Science students, engaging with **20+** students and benefiting **100+** users through training on the latest software and platforms

HACKATHON PROJECTS

GameStock

Jul '24

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**

Stoop Sale Extravaganza

Jul '24

Codédex

- Developed an **interactive** stoop sale invitation using **HTML**, **CSS**, and **JavaScript**, attracting over **550 attendees**
- Collaborated with an exceptional team in a **24-hour** hackathon, delivering a polished product on time

VOLUNTEERING ENGAGEMENT

- Spearheaded blood donation efforts, contributing over **1 gallon** of blood and **300+** volunteer **hours** to the New York Blood Center
- Coordinated global education advancement with OPEN NGO, the Romanian Ministry of Education, and others, dedicating over **500 hours** to community engagement