## **ALEXANDRU D. SOROIU**

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#### **EDUCATION**

## Bachelor of Science - Business Administration and Computer. Specializing in

May 2027

Finance; Minoring in Math

Wagner College | Staten Island, NY

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

Macroeconomics & Microeconomics

Student Organizations: Student Government, Google Developer Student Club, Student Investment Fund, and Amnesty International Dean's List Fall 2023

# KEY SKILLS

**Tech Cadet** 

Technical Skills: JavaScript, Next.js, NodeJS, React, TypeScript, HTML, Tailwind CSS, Python, C/C++, and MySQL

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

### **WORK EXPERIENCE**

### **Incoming Software Engineer Fellow**

Jul 2024 - Present

Headstarter AI | New York, NY

- Built 5+ Al 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 microservice pattern

# The Tech Cadets | Remote

May 2024 - Present

- 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

### Aspire Academy

Jul 2024

- Aspire Romania | Oradea, Romania

  Accelerated project success rates by 10% and skill development by 30% through mentorship, project management, and
  - Revitalized a robust professional network by connecting with 1000+ industry experts, Aspire members, and alumni, fostering collaboration and opportunities for growth

# AT&T Technology Academy Jun 2024

AT&T | Remote

- Cultivated networking and telecommunications technologies such as fiber optics, 5G, and VolP
- Acquired proficiency in cybersecurity practices, cloud computing platforms, and machine learning within 2 weeks

# **Software Developer & Web Designer**

**BD BOTTING HUB SRL** | Brasov, Romania

fundraising within the Aspire community

Jan 2022 - Aug 2023

- 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 2024 - 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 2024 - Jul 2024

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 2024

WeCracked

• Integrated real-time stock data from Yahoo Finance and FinnHub APIs, creating a seamless UI

## Stoop Sale Extravaganza Jul 2024

# Codédex

• Developed an interactive stoop sale invitation using HTML, CSS, and JavaScript, attracting over 550 attendees

Built GameStock with TypeScript, React, Tailwind CSS, and Next.js, winning 2nd prize at a 24-hour hackathon

• 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