

Ahmed Elsaid

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EDUCATION

New York University

Abu Dhabi, UAE

Bachelor of Science, Computer Engineering

May, 2024

- Awarded a full-scholarship worth \$320,000 for academic excellence with an acceptance rate of 4% to study at New York University Abu Dhabi campus with a semester abroad in New York, USA and a term abroad in Madrid, Spain.
- Coursework: Object-oriented programming, Digital logic design, Computer organization and architecture, Data structures and algorithms, Circuit analysis, Linear algebra, Multi-variable calculus, Computer vision, Machine learning

iXperience

Remote

Summer Accelerated Program

July, 2021- August, 2021

- 6-week Management Consulting program focused on the foundational theory of management consulting with a focus on the seven step problem-solving approach, quantitative and qualitative analysis, modeling, and communication skills

The International School of Choueifat, Cairo

Cairo, Egypt

American High School Diploma with Distinction

GPA: 3.78/4.0

June, 2020

- Top 99th percentile of SAT test takers worldwide with 1510/1600 on the SAT, 760/800 SAT II Math, graduated with distinction (top 90th percentile of a 120 students graduating class), national AP scholar by the College Board

WORK EXPERIENCE

Cambridge Center for Alternative Finance (CCAF), University of Cambridge

Remote

Research Intern (Digital Assets Program)

January, 2023 – Present

- CCAF's Digital Assets Program researches digital assets and cryptocurrencies with a focus on their economic, regulatory, and technological implications, with notable achievements including the Cambridge Bitcoin Electricity Consumption Index
- Collaborated with Miga Labs, Barcelona Supercomputing Center to examine the Ethereum network by using the Armiarma crawler on Linux with PostgreSQL database management using Prometheus, Grafana, Metabase, and Python
- Enhanced research projects by sourcing data, designing analytical models, conceptualizing findings and research outputs using to contribute to the community of the Ethereum Foundation

Sheesha Finance

Dubai, UAE

Research Analyst

June, 2022 – December, 2022

- **Sheesha Finance** is a leading DeFi project and incubator allowing for premium crypto portfolio diversification. Sheesha Finance rewards investors of any size, from small to large ticket holders, with a diversified portfolio of projects
- Performed due diligence on 70+ blockchain projects (GameFi, DeFi, metaverse, and infrastructure narratives), analyzed tokenomics and valuations using Excel, and identified red flags within projects, which bolstered the output of the research team by 20% immediately and presented high-rated projects for management to explore synergies with the projects
- Analyzed market trends and news about Web3, Decentralized Exchanges, and blockchain development and wrote weekly reports that contributed to the weekly Sentiment Report published by Sheesha Finance

AIM Lab Prof. Mohamad Eid, NYU Abu Dhabi

Abu Dhabi, UAE

Undergraduate Researcher

May, 2021 – Present

- The **Applied Interactive Multimedia** (AIM) research group is working with diverse facets of interactive multimedia and Haptics. Our interest includes the acquisition, communication, and display of the human sense of touch and the integration/coordination of this media with other sensory displays in a general multimedia system.
- Researched haptic feedback and augmented reality for improved human-computer interaction by working on 2 papers:
 1. "Effects of Duration and Envelope of Vibrotactile Alerts on Urgency, Annoyance, and Acceptance" AsiaHaptics, 2022 published by Springer (first author)
 2. "Ambient Haptics: Modulating Urgency using Vibration Feedback" submitted to IEEE Transactions on Haptics, 2023 and currently under review (co-first author)
- Conducted literature review and executed over 100 human-subject experiments developed using Python, C++, C#, Arduino, and Unity; then, performed data analysis using MATLAB

United Lisbon Education Hub

Remote

Management Consultant

July, 2021 – August, 2021

- Assessed the demand for Edu Hub's proposed operation model in the education and tech industries by doing case studies and collecting and analyzing data, which helped the Business Development department improve its business plan
- Recommended companies that Edu Hub Lisbon should pursue partnerships with before their full launch and liaised with the client over a period of 5 weeks to discuss progress and make relevant decisions

EXTRACURRICULAR LEADERSHIP

International Association for Automation and Robotics, NYUAD

September, 2021 – Present

Recruitment Officer and Member

- Participated in the IAARC Ideation Hackathon: Machine Learning for Construction Automation 2021 and researched about Generative Design using ML to design buildings using alternative building materials.

- Handled the organization of semester-long activities alongside the President and the Vice President, which included the testing and preparation of 4 robots for events and recruiting participants for activities.

Varsity Sports Teams, ISC Cairo

September, 2017 – February, 2020

Captain & Player

- Led 21 student athletes through the football season by giving motivational talks before matches, which resulted in us having a record of 7W-1L during 2019-2020, which resulted in our team getting ranked 3rd in the Cairo Eastern conference

INTERESTS

- Writing: Informally write articles on LinkedIn simplifying trendy technology concepts that may be complex to understand for a normal person, which helps improve my writing communication skills and helps structuring ideas that interest me
- Amateur boxing: Fought 13 amateur boxing matches, which ranked 3rd in the Cairo Youth Boxing Championships 2019, fought in the Egyptian national team qualifiers, member of the UAE boxing national team training camp during 2021
- Photography: Amateur iPhonographer with 65 shots around Egypt, Malaysia, Spain, and UAE, Bucketlist: take shots in Palawan, Philippines, [Gallery](#)