ALICE LIU

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EXPERIENCE

ZKM - Technical Writer & DevRel/Marketing/Business Development Associate September 2023 – Present
- Head project manager of the Education Hub initiative; led weekly meetings for creating education content
- Led development of the Early Contributor Program Phase 2 and implemented a points-based incentive system
- Produced high-level technical content on Zero-Knowledge (ZK) related topics including ZK proofs, ZK Virtual Machines
- Assisted Marketing and Developer Relations Teams with industry research and formulating action plans

Koris - Research Analyst September 2022 – October 2023
- Conducted industry research in the Web3 influencer marketing space, DAOS, Web3 tooling strategies
- Led innovation meetings twice a week, showcasing industry research findings and proposing product development avenues
- Crafted comprehensive research reports and content tailored for both technical and non-technical audiences
- Contributed to the development of pitch deck and one-pager content for investors and customers
- Initiated direct outreach to investors and potential clients within the Web3, Ad Tech and Programmatic Marketing sectors

CryptoChicks - Educational Programs Manager July 2023 – Present
- Instructed courses including "Blockchain & Cryptocurrency 101" catering to students in the Greater Toronto area
- Created the "Design and Issue Your Own NFT" course
- Formulated strategic educational frameworks for CryptoChicks' global programs
- Proactively updated course content and educational programs to align with the latest industry developments and trends

MetisDAO - Research Center & Business Development Intern June 2021 – January 2023
- Conducted research in DAC Economy, Reputation Power Matrix, governance structures for Metis' DAO Tooling Platform
- Presented platform overviews at product launches for end users and performed customer outreach when marketing content
- Implemented SEO strategies for site optimization, wrote product documentation, managed partnerships with collaborating Ethereum-based platforms

EV Connect - Product Development Intern June 2021 – August 2021
- Employed Python and R to efficiently map location tariffs to individual electrical vehicle charging sites
- Wrote written documentation for the charging infrastructure optimization approach
- Performed frequent customer reach-outs through campaigns to verify results

Apollo Neuroscience - Machine Learning Intern June 2020 – August 2020
- Performed data modeling and unsupervised machine learning methods for analysis in HRV and sleep quality patterns
- Worked collaboratively with team to develop app's recommendation engine for end-users / customers

Co-founder - Anaxa April 2020 – August 2021
A B2B solution combining quantum hardware and blockchain for secure and latent-free storage of health data records
- Member of the DMZ Basecamp Accelerator at Ryerson University (June 2020 - August 2020)
- Member of the Biomedical Zone BACE Incubator (January 2021 - Present)
- Pitched at McKinsey's Early Stage Investor Conference 2020 (December 9, 2020)
- Led team to build v1 of product, completed market validation with testing protocols, performed customer discovery

Q-munity Tech - Event Coordinator April 2020 – June 2022
- Coordinator for quantum hackathons, workshops and conferences in Q-munity, a student-led organization aiming to educate today's youth about quantum computing and other emerging technologies
- Organized and hosted the Vision 2021 Conference and the 2021 Hack-Q-Thon

AloeVR - Research Intern June 2020 - September 2020
- Researched the different processes and methods to use when developing VR programs with mindfulness strategies within the classroom for startup, AloeVR.
- Developed curriculum and lessons for the classroom-based programs

Techstars - Consultant March 2020 - April 2020
- Pitched recommendation to Techstars, a startup accelerator program based in 100+ countries, on increasing the inbound of mentors with a matching algorithm, recruitment chatbot, communication platform; solutions implemented in 2020 program

STEM Program Intern - Mothers for Justice and Equality (MJE)   June 2019- August 2019
- ▪ Taught STEM-related classes; planned volunteering events at Cradles for Crayons, Rosie's Place, and Franklin Park Zoo
- ▪ Gave assistance and feedback to students' projects for combating greater Boston homelessness and neighborhood violence

EDUCATION

Boston Latin School   September 2018 - June 2022
Exam School; College Preparatory Curriculum, Class of 2022
GPA: 4.33 (weighted); National Honors Society (NHS)
National Latin Exam, Gold (2019, 2020)

SPEAKING / PRESENTATIONS

Blockchain & Cryptocurrency 101, 2023 Futurist (ETHToronto) Conference. Invited Speaker (August 16, 2023)
Design & Issue Your Own NFT, 2023 Ignition Hacks. Invited Workshop Host (August 26, 2023)
Smart Contracts & Solidity, 2021 Superpositron. Invited Workshop Host (August 10, 2023)
Quantum Machine Learning: Cell Classification, 2020 Newton Innovation Showcase. Invited Speaker (November 18, 2020)
Quantum Machine Learning Applications, 2020 BostInno State of Innovation: Leaders of Tomorrow Conference. Invited Panelist (August 26, 2020)
Quantum IoT and Security: A Quantum Internet, 2020 TD Tech Connect Conference. Invited Panelist (August 11, 2020)
Quantum Computing and Machine Learning, 2020 TD Tech Camp. Invited Speaker (August 4, 2020)
Quantum Applications in Finance QAE and Credit Risk Analysis, 2019 MIT Media Labs. Invited Panelist (December 2, 2019)

ACHIEVEMENTS / ACCOMPLISHMENTS

2022 - **International Science and Engineering Fair (ISEF)** *3rd Place* Computational Biology and Bioinformatics ([Link](#)); Massachusetts Science and Engineering Fair (MSEF) & Eversource Scholarship Reward ([Link](#)); *1st Prize;* Boston Citywide Science Fair *Overall First Place* & Christa McAuliffe Award Recipient ([Link](#))

2021 - **International Science and Engineering Fair (ISEF)** *Finalist*; Massachusetts Science and Engineering Fair (MSEF) *2nd Prize*; Boston Citywide Science Fair *1st Prize*

2021 - **DECA Internationals** *5th Place* (Out of 400 Internationals Contestants) ([Link](#)); DECA States *1st Place States Winner*; DECA Districts *3rd Place.* Event: Innovation Plan [(Link)](#)

2021 - **Internationals Network for Teaching Entrepreneurship** World Series of Innovation - Covid Recovery 2nd Place ([Link](#))

2020 - **DECA Internationals** *Contestant*; DECA States *2nd Place*; DECA Districts *2nd Place.* Event: Principles of Finance

PROJECTS

Quantum Support Vector Machines for Binary Classification of Breast Cancer Cells - [Github](#), [Article](#), [Paper](#), [Presentation](#)
Quantum Amplitude Estimation for Risk Analysis - [Github](#), [Article](#)
Quantum Annealing with Turn Ancilla Encoding for Protein Folding with Drug Discovery Implications - [Github](#), [Article 1](#), [Article 2](#), [Paper](#), [Presentation](#)
Anaxa – [Pitch Deck](#), [Whitepaper 1](#), [Whitepaper 2](#), [Article](#)