

T H O M A S B A K E R

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

Bachelor of Science in Aerospace Engineering.

Expected Graduation: December 2022

Computer Science Minor in Computing and Intelligence

GPA 3.6

Significant Coursework: Machine Learning, Data Structures and Algorithms **Zell Scholar (100% Tuition)**

PROFESSIONAL EXPERIENCE

PRIME PROTOCOL

New York, New York

Blockchain Engineer

January 2023 – Present

- Leveraged Solidity, TypeScript, and Hardhat to help develop decentralized cross-chain lending across 7 networks
- Utilized Google Cloud and Subgraph to develop cloud infrastructure for tracking user data and protocol statistics
- Designed and developed products to attract users to protocol, growing it from \$0 to \$5 million TVL in 5 months

GENESIS GLOBAL TRADING

New York, New York

Sales and Trading Summer Analyst

June 2022 – August 2022

- Developed algorithm to predict BTC volatility to maximize gamma capture of derivatives desk while delta-hedging
- Created model for underwriting and valuing loans using governance and liquidity pool tokens as collateral
- Designed and pitched model to back test and implement call-overwriting strategy for institutional clients with BTC

ROYALL TECHNOLOGIES INC

Atlanta, GA

COO, Co-Founder

June 2021 – February 2022

- Utilized JPA Spring and MySQL to create and implement a backend database server hosted by AWS
- Developed business plan necessary to pitch to investors in a seed funding round to reach a valuation of \$1,000,000
- Recruited two new developers to become cofounders with focuses on backend and frontend development respectively

ION INNOVATIONS

Peachtree Corners, GA

Junior Software Developer

June 2019 – August 2019

- Worked directly with owner in designing and implementing 4 software and hardware engineering projects
- Developed sensor array to communicate with AI microscope when storage spaces are occupied to avoid collisions

LEADERSHIP AND EXTRACURRICULARS

WEB3 ATL CONFERENCE

Atlanta, GA

Executive Team, Director of External Relations

May 2022 – Present

- Worked with members of leadership team to plan Atlanta-focused blockchain conference for onboarding new talent
- Managed relationship with local companies to bring students, businesses, recognition and revenue to the conference

BLOCKCHAIN AT GEORGIA TECH

Atlanta, GA

Executive Team, Development Committee

November 2021 – Present

- Developing full stack web3 projects leveraging solidity smart contracts and the Ethereum Virtual Machine
- Help leadership team develop club schedules, curriculum, and goals including developing institutional crypto class

GEORGIA TECH STUDENT FOUNDATION INVESTMENTS COMMITTEE

Atlanta, GA

Financials Sector Senior Analyst

August 2019 – May 2021

- Supported in the management of 10% of the holdings in the GT Student Foundation's \$1.5 million-dollar portfolio
- Pitched various securities to investment group including Principal Financial Group, which yielded a 40% return

RESEARCH

EXPERIMENTAL FLIGHTS VERTICALLY INTEGRATED PROJECT

Atlanta, GA

Delivery Station Engineer

January 2020 – May 2021

- Worked with fellow students on a team developing an automated drone delivery system for Georgia Tech's campus
- Designing and constructing the headquarters that will autonomously organize all drone flights and package deliveries

ADDITIONAL INFORMATION

- Computer Science Skills: TypeScript, ML, Solidity, TypeScript, Hardhat, Python, SQL, Java, C, C#, Matlab, Excel
- Financial Skills: Equity valuation, Bloomberg Terminal (certified), CapIQ
- Interests: Guitar, fitness, skiing, reading, cooking, travel, hiking