

# Sungyu Kwon

(860) 461-3905 • kwonsun7@msu.edu • sungyu.eth • [www.linkedin.com/in/sungyu-kwon-8a0271169/](https://www.linkedin.com/in/sungyu-kwon-8a0271169/)

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## EDUCATION

**Michigan State University**, East Lansing, MI

*Bachelor of Engineering, Computer Science*

*Double Minor, Computational Mathematics (Data Science) + Business*

GPA: 3.89/4.00 (Dean's List)

May 2023

## RELATED EXPERIENCE

**Gemini**, New York, New York

June 2022 – August 2022

*Marketplace Operations Intern*

- Sourcing and listing NFT projects for the Nifty Gateway Team. Developed Process Automation Code utilizing various APIs to drastically improve efficiency. Audited ERC721 Solidity code

**Benzinga**, Detroit, MI

December 2021 - Present

*Cryptocurrency Content Writer*

- Writing educational articles for an innovative financial media outlet. All publications can be found on Benzinga's website under Sungyu Kwon.

**Ease Seating Systems**, Clio, MI

June – Aug 2021

*Mobile Application Developer Intern*

- Collaborated with a team member to create an Android Studio Application for a patented wheelchair medical device. Utilized Google Firebase and Bluetooth to communicate with the device.
- Developed an MVP of a product utilizing Arduino microprocessors and the Arduino IDE.
- Wrote programs onto a custom stm32 microprocessor board that was developed by a third-party consulting company.

**LG Chem**, Holland, MI

June – Aug 2020

*Information Technology Intern*

- Improved company efficiency by troubleshooting technical issues concerning hardware/software. Operated the Company IT Helpdesk in person, as well as the virtual Jira Helpdesk for Work-From-Home employees.
- Developed web applications using HTML/JavaScript as well as WordPress. Contributed to a Content Management System project.
- Managed LG Chem's local File System and Database. Oversaw employee permissions regarding company files and folders.

## OTHER EXPERIENCE

**Undergraduate Research Assistant**, East Lansing, MI

September 2021 - Present

- Undergraduate Research Assistant for Professor Qiben Yan. Topics : Smart Contract Security, Dapp Development

**Spartan Blockchain Solutions**, East Lansing, MI

September 2020 – Present

*VP of Technology*

- Leading an effort to teach fellow students at Michigan State University how to program applications onto the Ethereum Blockchain. Utilized Ethernaut, Damn Vulnerable Defi, and various YouTube videos from top content creators (Patrick Collins, Smart Contract Programmer, Moralis)
- Organized and attended several blockchain-related hackathons. (Encode Club Hackathons are Great!)
- Helped organize a blockchain innovation competition.

*VP of Research*

- Topics include ENS, Cardano, various Layer 2s, the Environmental Impact of Cryptocurrencies and NFTs, brief introduction to MEV, Time Wonderland, The Oracle Problem and Chainlink, various cryptocurrency hacks, revoke.cash, Solana Wallets, The various types of stablecoins and their business models, the Luna ecosystem - Anchor Protocol, Mirror, ect (RIP), various decentralized lending protocols and Yield Farming Strategies, Flashloans, Multisig Wallets, Tornado Cash, Solidity Gas Optimization using Opcodes

*Student Teaching Assistant*

- Helped teach a summer course about blockchain to international students over the summer.

*Technical Analyst*

- Learned how to program applications onto the Ethereum Blockchain using Solidity.

**Blockchain Bond Advisory Group Member**

- Offer Consulting to MSU staff and team, including Goldman Sachs and Accenture. Working to issue an innovative blockchain-based municipal bond.

**Web3 Teacher Training Track – Blockchain Acceleration Foundation**, Remote

Summer 2021

- Was a member of the first ever Web3 Teacher Training Track hosted by the Blockchain Acceleration Foundation. Took summer classes on how to program decentralized applications onto Ethereum and became certified to teach the skill to others. The course was funded by the Ethereum Foundation.

## TECHNICAL SKILLS

Web Development – MERN and Static, Android programming with Android Studio, Mobile Application programming with React Native, Unity Game Development, Basic Alexa Skills development, Ethereum Solidity programming, Data Science with Python/Jupyter, Data Science with R and Tableau, Proficient in Excel and Excel Modeling, Chainlink Oracles, Ethernaut (25/27 Levels Completed)

Languages – Java, JavaScript, HTML, CSS, Solidity, C#, R, SQL, Python, C++, C,

## ACTIVITIES, HONORS & SKILLS

Michigan State University Men's Club Lacrosse, *Athlete*

September 2019 – Present

Spartan Hackers, *Member*

September 2019 – Present

Michigan State University Entrepreneurship Association, *Member*

September 2019 – Present

Sigma Pi Fraternity, *Member - Current Scholarship Chair, Former Tech Chair*

January 2020 – Present

Bryon R. Lewis Scholarship, Michigan Competitive Scholarship - *Scholarship Recipient*

Aug 2021

Korean, *Native*, English, *Fluent*