




# Marcin Jaczynski

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Self-motivated student and developer, eager to contribute my knowledge of blockchain technology, development, communication and collaboration skills.

## EDUCATION

- **University of Toronto** Toronto, ON  
*Bachelor of Information* *Expected June 2024*

## SKILLS SUMMARY

- **Languages:** Solidity, JavaScript, TypeScript, Python, React Native, Swift
- **Tools:** Docker, Postgres, JIRA, GIT, Miro, GitKraken
- **Soft Skills:** Ability to clearly communicate with team members and work in a group setting or alone

## EXPERIENCE

- **Newton Crypto Co.** Remote  
*Blockchain Engineer* *Feb 2022 - June 2022*
  - Designed a transaction validation system using an AWS Lambda, by comparing data from a wallet provider to on-chain data before a user was credited funds on the platform, reducing errors of crediting failed transactions by a factor of 6.
  - Aided in designing and implementing a multi-chain wallet in a team of 7
  - Engineered a system to efficiently gather, sort and display a user's balances and transaction histories by utilizing multiple node providers spanning a total of 16 blockchains
  - Implemented UI/UX wallet designs from a professional artist using **React Native, Swift and Kotlin**
  - Restructured the API and blockchain info file system as well as the Style Sheet file system for better workflow and ease of access that reduced redundant files by 83%
- **Metavision Labs** Remote  
*Lead Solidity Engineer* *May 2021 - Feb 2022*
  - In a team of ten, designed and implemented smart contracts governing the principles of an Ethereum-based game using **Solidity** and tested using **Hardhat**
  - Designed upgradable contracts using the EIP2535: Diamond Standard
  - Implemented the ERC1155 and ERC20 standards into the game
  - Used the agile sprint methodology and documented all progress on Jira and Miro
  - Aided in creating the MVP that led to the investment of \$2.2M at an \$8M valuation

## RELATED EXPERIENCE

- **Balancer Labs** Remote  
*Balancer V2 cadCAD Python SDK* *Apr 2021 - May 2021*
  - Collaborated and successfully implemented the **Python** version of an originally **Solidity** Protocol using Python's Decimal Library, in a team of three
  - Successfully tested using HardHat and deployed the project on <https://pypi.org/project/balancerv2cad/>
  - Whitepaper: [metavision-labs.gitbook.io/balancerv2cad/](https://metavision-labs.gitbook.io/balancerv2cad/)
- **Ether-net** Remote  
*Backend developer* *June 2022 - current*
  - Developing an ethereum address affiliation-network visualizer, generated from transactions of connected wallets
  - Using typescript, NestJS, DynamoDB, Jest, and Docker, deployed to an AWS-EC2 instance
  - Wrote CRUD functions, GraphQL schemas and resolvers, user authentication flow, API queries, and other backend functions

## OTHER EXPERIENCE

- **Highschool Computer Science Teaching Assistant:** Assisted children with learning disabilities in learning computer science related concepts. Aided with marking tests and assisting students with assignments
- **PicoCTF:** Trained for a cyber-security competition based on general computer skills, cryptography, web exploration and forensics

## ACTIVITIES

- **Phi Gamma Delta:** Historian and Housing Superintendent January 2021 - January 2022
- **Secondary High school Diploma** from the Consulate General of Poland
- **Polish Folk Dance Ensemble:** January 2016 - January 2021