

# Artem Maryanskyy



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## EDUCATION

### Lehigh University – Bachelor of Computer Science and Business (grad. May 2023)

Bethlehem, PA

- President of Lehigh Blockchain Club, 2021-2022.
- Social Media Assistant in Reddit and LinkedIn Team for College of Engineering.
- Grader for Data Structures

### Relevant Coursework

**Technical:** Software Engineer, Computer Architecture (advanced low-level C/C++), Database Systems, Discrete Structures and Algorithms, Systems Software, Data Structures.

**Business:** Advanced Accounting Information, Finance, Business Law, Supply Chain, Managerial & Financial Accounting, Intermediate Macro & Microeconomic Analysis, Organizational Behavior, Marketing, Blockchain.

## PROJECT EXPERIENCE

### Product Customization Website (Jan 2022 – current) - IRIS R&D Group

- Assessed the startup business model to identify logistics issues and plan the development of solutions.
- Working in a team, developing a complex database (PostgreSQL), website design (Figma), backend(Node.js)
- Developing the webpage using React, HTML, CSS and deploying to Netlify.

### Relational Database for Frictional Car Dealership (Aug 2021 – Dec 2021) - Lehigh University

- Accomplished the database design(ER diagram), implementation(MySQL), and maintenance for a Tesla prototype.
- Developed four different user interfaces using Java and JDBC preventing concurrency, zombie attacks.

### Internal Social Media Platform (Aug 2021 – Dec 2021) – Lehigh University

- Worked in a team using the Agile method on 4 different branches using Bitbucket, planning on Trello.
- Utilized Android Studio for mobile application development, Heroku for web deployment, PostgreSQL database.
- Worked with CSS, HTML, React, and Google APIs during the web development.

## PROFESSIONAL EXPERIENCE

### Decentralized Finance – Mountaintop Initiative

Bethlehem, PA  
Mar 2021–Oct 2021

#### *Research Fellow*

- Joined the MS FinTech Capstone as the only undergraduate student, sponsored by ETC labs
- Researched the Liquidity Pool by extracting Uniswap 2.0 Data with MySQL
- Analyzed confirmed large transactions by sorting by various criteria to identify potential insights.
- Researched front running feasibility, txpool (pending transactions).

Kyiv, Ukraine  
Dec 2018–Mar 2020

### Cryptocurrency Hedge-Fund – Self-Employed

#### *Manager and Trader*

- Created the copy-trade platform to execute orders across the accounts connected via APIs.
- Performed high-risk long-term trades with an overall 1500% return over 1.5 years.
- The investment portfolio reached 25 BTC (\$200,000 in 2019) with a total of 40 unique APIs.
- Reached 1300 followers on Telegram blockchain dedicated channel.
- Provided daily up-to-date analytics supported by self-made technical analysis set up on TradingView charts.

## SKILLS

**Programming Languages:** Java, C/C++, SQL, React

**Software / Packages:** Microsoft Office, Git, Android Studio, Maven, Oracle, Bitbucket, Heroku

**Foreign Languages:** Russian, Ukrainian, English, German (learning)