

Atharva Chalke

Third-year International Student at University of Cincinnati

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EDUCATION

Bachelor of Science in Information Technology 2023
University of Cincinnati, Cincinnati, OH

</> Specialization: Software Development

</> GPA: 3.73

PROJECTS

Enigma

An alphanumeric Encrypter Decrypter program with varying encryption keys and varying encryption methods. This ensures that every time the program is run with the same input, it generates a unique output and can only be decrypted by the Decrypter which accepts no parameter other than the encrypted string itself.

BlockLite

A Blockchain program made entirely from scratch without the use of any external libraries. It utilizes SHA-256 hashing and a mining algorithm just like bitcoin. The program is termed "Lite" because the blocks are stored in text files instead of using a custom extension and the ledger is not decentralized.

Top-Ten

An android voting application made using Kotlin where users can vote on their favorite list item, ultimately forming a definitive top-ten list. Users can rank their favorite fast-food restaurants, movies, albums, and much more. Worked on the backend of the app in a SCRUM team as an integration specialist.

Research Paper

Wrote a 16-page research paper on the topic "The Impact of Artificial Intelligence on the Industrial World".

SKILLS

IT Languages:

Python, Java, C++, Kotlin, C#,
JavaScript, HTML, CSS, Arduino

Frameworks:

.Net Core, .Net MVC, Spring,
Phaser, Node.js, Django

Database:

SQL(Azure), Google Cloud
Realtime Database and
Firestore

Tools:

Git, CircleCI, JQuery

Operating Systems:

macOS, Windows, and Linux
(Virtual Machines and
Raspberry Pi)

PARTICIPATION

RevUC Hackathon (2020 and 2021), a 24-hour student hackathon at the University of Cincinnati that is organized by ACM@UC.

Google Code-in (2019), an international annual programming competition hosted by Google.