

Dev Aggarwal

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EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, ILLINOIS

Expected May 2024

Master's Degree In Information Technology and Management

Guru Gobind Singh Indraprastha University, Delhi, India

Aug 2018 – July 2021

Bachelor's in Computer Application

WORK EXPERIENCE

Data Analyst Intern

Sept 2022 – Oct 2022

GlobalShala

- Created compelling visual representations of data derived from Global Shala's Facebook campaigns using Tableau.
- Utilized diverse chart types to enhance the interpretability and insightfulness of the visualizations, thereby optimizing the overall outcome.

Online Business Manager

Aug 2021 – July 2022

Aggarwal Footcare

- Oversaw day-to-day business operations on the online sales department.
- Devised, deployed and monitored processes to boost long-term business success, leading to an increase in profit levels by 70% in a one-year period.

Community Desk Assistant(CDA)

Apr 2023 – Present

Illinois Institute of Technology – On Campus Employment

- Provided customer service, and emergency response, while collaborating to create a welcoming community in more than 6 residence halls and apartments.

PROJECTS

Stock Tracker | React , Node.js , Express.js , MongoDB | <https://github.com/devaggarwal-1/StockTracker>

- Architected and developed a full-stack stock tracking application with user authentication functionality, allowing users to register accounts and log in securely.
- Implemented a robust search functionality allowing users to easily find and add stocks to their personalized watchlist.
- Integrated live financial news updates to provide users with the latest information on stocks, cryptocurrencies and top news from all over the world.

Chip-8 Emulator | HTML, CSS , Javascript | <https://github.com/devaggarwal-1/Chip-8-Emulator>

- Developed a fully functional CHIP-8 emulator from scratch, demonstrating strong understanding of low-level computer architecture.
- Implemented opcode interpretation, memory management, and screen rendering for the CHIP-8 virtual machine, showcasing proficiency in system-level programming.

Bank Application | Java, JavaFX

- Created a banking application using JAVA and JAVA FX for GUI with Scene Builder.
- Admin can create clients and deposit money for clients. Clients can view their transactions and send other clients money by their unique payee Address.

SKILLS

Programming Languages : Javascript ,Java, Python , C++

Full Stack Development : HTML5 , CSS3 , React Framework , TypeScript ,Express.js , Node.js

Databases : MySQL , MongoDB, PostgreSQL

Other: Git, Linux , JAVA FX , Scene Builder , Postman