Himnish Jain

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EDUCATION

University of Illinois, Urbana - Champaign — Urbana, IL
Major: *Computer Science, B.S (3.9 GPA)* — *Aug 2021 – May 2024*
- **Minors:** Economics, Statistics
- **Honors:** James Scholar Honors, Dean's List
- **Coursework:** Data Structures, Algorithms, Artificial Intelligence, Computer Arch., Probability & Statistics

WORK EXPERIENCE

Intern, Java Software Development — *May. 2022 – Aug. 2022*
WovV Technologies (an SaaS Company) — *Mumbai, India*
- Successfully facilitated the transition of MNC mall corporations to an omnichannel retail strategy, resulting in up to a 90% increase in customer retention rates
- Created an e-commerce platform that was able to handle high traffic volume during peak times without any major issues alongside a team of 25 people
- Created an optimized downloading software process for multiple file formats that reduced processing time by 30%

Intern, Business Analytics — *Dec. 2019 – Jan. 2020*
NTT - Netmagic — *Mumbai, India*
- Examined data trends in Netmagic's HR department over 3 financial quarters using mySQL and external APIs
- Analyzed the cost to productivity ratio of the HR department and identified methods to improve it
- Demonstrated that the implementation of these methods would result in a 10% increase in productivity

PROJECTS

BlockTix | *Solidity, React, Web 3.0* — *Apr 2022*
- Pioneered BlockTix, a marketplace for the resale of tickets, verified using Blockchain technology
- Engineered the creation of a standard ticketing protocol addressing an industry where fraud causes a loss of $1.1 million semi annually in just the UK
- Remodeled how tickets work by adding logic to transactions, and programming a smart contract and letting it manage the revenues collected on the blockchain
- Surveyed more than 200 Web 3.0 industry workers for product viability for proof of concept

UrbanHawx | *Python 3, React, OpenCV* — *Feb 2022*
- Devised UrbanHawx, a home security software which uses facial recognition to provide a modern security solution
- Maximised the security of pre-existing facial recognition models by providing an 85% confidence in matches
- Headed a team of 7 programmers and designers to create a new app prototype, which resulted in a top 5 placement in HackIllinois.

HackIllinois 2022: The BodyGuards | *Winner, Shark Tank* — *Feb 2022*
- Pitched The BodyGuards, an app guarding health for the elderlies, one touch or swipe at a time
- Co-founded this mobile healthcare app focused on connecting the caretakers with the elderly

Pandemic TD Battles | *C#, Unity 3D, JavaScript* — *June 2020*
- Successfully designed and developed a 3D PC game in the Tower Defence genre from scratch.
- Redesigned TD games by adding disappearing turrets and store functionalities, resulting in a 12% hike in ratings.
- Published globally on Kongregate and itch.io with an average rating of 3.8/5 stars (as of Feb 22)

TECHNICAL SKILLS

Programming Languages: C++, Python, Java, mySQl, Rust, C#, JavaScript, HTML/CSS, Solidity
Frameworks: React, Unity, Flutter, Node.js, WordPress, QlikSense
Developer Tools: Git, Docker, OpenCV, Google Cloud Platform, VS Code, Visual Studio
Libraries: PySpark, Pandas, NumPy, MatplotLib, flairNLP
Languages: English, Hindi, Marathi

CLUBS

Honors LLC; Illini Blockchain; Association for Computing Machinery: SIGAIDA, SIGGameBuilders