

NITISH PODDAR

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WORK HISTORY

Supertron Infotech Pvt Ltd

Web Developer Intern | Kolkata, India | June 2019 - August 2019

- Led a team to develop a query answering bot from scratch for a local university
- Designed the complete UI and server using ReactJS and NodeJS
- Designed the database to store query data for the university in MongoDB
- Created a search engine for the university website

Heritage Institute of Technology

Research Assistant | Kolkata, India | January 2018 - March 2018

- Extensively researched missing value estimation in DNA microarrays working under Professor Sujay Saha
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PROJECTS

Data Compression Library

- Working on a data compression library in C++
- Implementing Huffman Coding and LZW Compression alongside other algorithms

Chat Server

- Implemented a chat server in Erlang using Apache Cassandra and the EMQ MQTT broker

Gesture Recognition

- Implemented gesture recognition for the American Sign Language (ASL) in Python using a neural network
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SKILLS

Proficient: C++, Java, Python, Go, JavaScript, Android, ReactJS, MongoDB, Git, Racket

Familiar: HTML, CSS, Erlang, Apache Cassandra, Unix, SQL

RELEVANT COURSEWORK

*Data Structures and Algorithms, *Computer Architecture, Applied Linear Algebra, Software Design Studio, Probability and Statistics in CS, *Fundamental Mathematics, *Numerical Methods, *Microeconomic Theory, Economic Statistics

EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Science, Computer Science

Champaign, IL | Expected May 2022

GPA - 3.96, James Scholar Honors Student, Dean's List