

# 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

### 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

- Developed an instant messaging server in Go using websockets

### 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

**Familiar:** HTML, CSS, Unix, SQL, Racket

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## RELEVANT COURSEWORK

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

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## EDUCATION

### University of Illinois at Urbana-Champaign

#### Bachelor of Science, Computer Science

#### Economics Minor

Champaign, IL | Expected May 2022

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