



NISHTHA PRASAD

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Portfolio: nishtha-prasad.webnode.com

Skills

Languages: Python, Java, C++, MySQL, Kotlin
Software: TensorFlow, Keras, PyTorch, OpenCV, SpaCy, NumPy, SciPy, SciKit-Learn, NLTK, ApacheSpark, ReactJS, Flask, Django

Development Process: Agile methodology
Soft Skills: time management, adaptability, flexibility, proactivity, communication, problem solving

Experience

Undergraduate AI Research Assistant

May '20 – Dec '20

UNT HiLT Lab | Denton, TX | *Currently In Progress*

- Conducted research in natural language and machine learning for NSF-funded REU program
- Constructed dataset and built neural network models for improving visual language navigation
- Defined and evaluated strategies to automatically generate adversarial examples and make models more robust

Software Engineering Intern

Jul '20 – Aug '20

J.P Morgan Chase | Chicago, IL

- Implemented an automated chatbot feature to improve user experience
- Developed API calls to store and retrieve chatbot data from MySQL database
- Led team in the steps of design and implementation for the chatbot feature

Android Front End App Developer Intern

May '19 – Sep '19

The Chamberlain Group Inc. | Oak Brook, IL

- Created logic and navigation for user interface using Java, Kotlin, and XML
- Implemented network API calls in order to retrieve and manipulate user data using Retrofit library

Education

Bachelor of Science: Computer Science

Expected in Dec '20

University of North Texas | Denton, TX | Dean's List 2019 - 2020

- Coursework in Data Structures, Algorithms, Senior Thesis, Linear Algebra, Digital Image Processing, Human Computer Interface, Internet Programming, Automata Theory, IT Project Management

Bachelor of Science: Computer Science

Aug '17 – May '19

University of Illinois At Urbana-Champaign | Champaign, IL

- Coursework in Intro to Computer Science, Software Design, Discrete Structures, Data Structures, Numerical Methods, Artificial Intelligence, Statistics and Probability

IBM AI Engineering Professional Certificate

Feb '20 – Jun '20

Projects

AI Ultimate Tic-Tac-Toe Simulation Developer/ Individual Project

- Implemented Minimax algorithm with alpha beta parameters in order to generate optimal machine game strategy for the offensive agent and defensive agent