

# Mike Jeong

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## EDUCATION

### New Jersey Institute of Technology

Newark, NJ

Major: Computer Science and Applied Mathematics

GPA: 3.941/4.0

Expected Graduation Year: May-2023

**Coursework :** Advanced Data Structures and Algorithms, Machine Learning, Artificial Intelligence, Database System Design and Management, Computer Networks, Theory of Computation, Computer Architecture, Design in Software Engineering

## WORK EXPERIENCE

### Undergraduate Research Assistant

Newark, NJ

Data Analytics and Machine Intelligence Lab at NJIT

February, 2022 – Current

- Extracted SPO (Subject, Predicate, Object) triplet from news database
- Used automatic fact checking system to verify SPO triplet and labeled triplets for machine learning data

### Research Experience for Undergraduate

Remote

Georgia Institute of Technology

June, 2021 – July, 2021

- Research Topic: High-dimensional data analysis and neural networks
- Explored the double descent phenomenon in machine learning using scikit-learn random forest classifier
- Advised by Professor Wenjing Liao

### CodePath

Remote

Android University

January, 2021 – May, 2021

- Twelve weeks of intense, project-focused Android training
- Used the APIs of popular apps such as Twitter and Instagram
- Worked together in small teams to build a completely original app from the ground up

### Association for Computing Machinery

Newark, NJ

Tutor

September, 2020 – Current

- Provided remote assistance for students seeking help
- Tutored students in a variety of computer science and information technology courses

## PROJECT WORK

### Blind Chess

March, 30, 2021 – May 10, 2021

- Lead the full stack development for chess board such as displaying chess board using React, moving pieces, and verifying moves using chess.js
- Developed the database to keep track of rankings and user information using flask-sqlalchemy
- Communicated with 3 other teammates by weekly meeting and managed the project using github

### Multiplayer Tic-Tac-Toe

February, 17, 2021 – March 25, 2021

- Developed front end tic-tac-toe board and login using React.js for frontend development
- Developed database to keep track of user record, and custom leader board and displayed it on separate page using flask-sqlalchemy
- Managed the project using unit testing, and automated continuous deployment

### Music Playing Website

January, 22, 2021 – February, 12, 2021

- Developed music playing website with songs and lyrics using spotify and Genius APIs
- Implemented custom UI features to change text and background colors using HTML/CSS

### HackNJIT2020 BandTogether

November, 7, 2020

- Music Enthusiast Interface that allows different users to play different instruments synchronously
- Implemented the piano UI using React-Piano, and sound player using JS synthesizer framework (SoundFontPlayer)
- Won 1 st Place, Pi in the Sky (Weirdest Hack), Best Hardware Hack, and Best IoT Hack

## CORE SKILLS

- Python (4 years) , Java (3 years), C (2 years), JS (1 year), React (1 year), HTML/CSS (1 year), MATLAB (2 years), Bash, git/github, AWS, SQL, Vi/Vim, LaTeX, MS Office, Linux