

Miguel Jover Torres

Charlotte, NC | (704) 712-2193 | mianjoto@gmail.com
linkedin.com/in/miguel-jover | github.com/mianjoto

EDUCATION

Bachelor of Science in Computer Science

2023

Concentration: AI, Robotics, and Gaming

The University of North Carolina at Charlotte, Charlotte, NC

GPA: 3.95, Chancellor's List 2020-2021 & 2021-2022, University Honors & CCI Honors

TECHNICAL SKILLS

Languages + Frameworks | C#, Python, JavaScript, Java, C++, jQuery, Flask, HTML, CSS, C

Platforms | Node.js

Python Packages | NumPy, scikit-learn, Matplotlib, TensorFlow

Developer Tools | Git, Docker, Linux workflow, Anaconda workflow, BitBucket

WORK EXPERIENCE

NC-LSAMP Undergraduate Researcher | Forecasting Brain Data

2022

- Investigated methods of human error detection and forecasting among a team of researchers
- Led a small group of researchers that focused on forecasting
- Develop a model that can detect human mistakes from brain data with 99% accuracy using machine learning
- Predict presence of a human mistake up to 1 minute in the future with greater than 90% accuracy
- Presented a research poster summarizing the project's findings at UNC Charlotte's 2022 Summer Research Symposium

SOFTWARE ENGINEERING APPLICATIONS

Front-End Software Engineer | Genshin Impact Wish Simulator

2022

Simulator for Genshin Impact's "wishing" system with added features

JavaScript | Node.js | HTML + CSS

- Implement identical mathematical mechanics from the wishing system seen in gacha video game Genshin Impact, which strategically and randomly rewards players characters and weapons
- Enhance user experience by revealing user's luck tendencies in past wishes and using binomial probability to predict the theoretical probability of a specific future wish result
- Github: <https://github.com/mianjoto/Genshin-Wish-Simulator>

Front-End Software Engineer | FLEEE

2022

Web application which allows users to input, store, view, and study flashcards

JavaScript | Node.js | HTML + CSS

- Calculate least computationally expensive method of sending and requesting user flashcards to and from a server database per user
- Github: <https://github.com/mianjoto/FLEEE>

EXTRACURRICULARS

President of UNC Charlotte's University Honors Program

2021

- Coordinate a board of executive members to cast a vision for UHP that fosters community, service, and scholarship
- Represent the UHP to external organizations, companies, and charities