

Junyoung Jonathan Jeong

[Digital Portfolio](#) | Monroe, NY | jeongj456@gmail.com | [Linkedin](#) [Github](#) | +1(845)-662-3237

SKILLS

Technical: Python, SQL, JavaScript, Java, HTML, CSS, PHP, MongoDB, Assembly, REST API, Flask, Pandas, Numpy, FastAPI, JSON, Tableau, AWS, MySQL, PostgreSQL, SQLite3-Python

Languages: Korean, English

Projects

[Athletic Legs](#) | Full Stack Developer

Aug 2024 - Dec 2024

- Developed a full-stack web application using JavaScript, MySQL, PHP, HTML, CSS
- Implemented features for user authentication, friend management, macronutrient calculation, and workout tracking/sharing, and display statistics
- Utilized RESTful APIs for data exchange and integrated with third-party fitness API's
- Utilized Agile methodologies and collaborated with a team of 4 developers

[Hidden Sands](#) | Game Developer

Aug 2024 - Dec 2024

- Designed and developed a voxel-style maze game using Unreal Engine 5 and C++
- Implemented enemy AI, level generation, puzzle mechanics, traps, and boss battles
- Published the game on itch.io

[Multicategory Classification Perceptron Neural Network](#)

- Utilizing Python, matplotlib, and numpy to create a perceptron network to classify whether a picture has a digit
 - Algorithm is of size 784 nodes in the input layer and 10 nodes in the output layer, no biases
 - Vectorization is applied to the image to calculate the induced local fields with weights until error rate falls to 0%
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PROFESSIONAL EXPERIENCE

Zordi - Data Collector (Oakfield, NY)

Feb 2024 - Apr 2024

- Collected, examined, and classified data to help improve the accuracy of ML algorithm by 15%
- Conducted thorough quality assurance for 500+ data files, ensuring 98% reliability
- Extensively tested website application and assisted developer team in debugging issues, resolving 20+ bugs
- Operated and maintained photosynthetic active radiation (PAR) robotics for data collection
- Worked with team members to prioritize tasks and ensure that assigned projects were completed on schedule
- Utilized Python and Docker for data processing and containerization

University at Buffalo - Resident Advisor (Buffalo, NY)

Aug 2023 - May 2024

- Advised 35 students on class registration, academic progress, campus events, and meal plans
 - Developed and facilitated 10+ programs on finance, personal development, cultures, and academic tips
 - Managed budgeting, administrative tasks, maintenance/incident reports, roommate mediations, and bi-weekly duty rounds
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EDUCATION

FullStack Academy | Bootcamp - New York, NY

Feb 2025 - Apr 2025

Certificate in Data Analytics

University at Buffalo | B.S. - Buffalo, NY

Aug 2022 - Dec 2024

Computer Science(Concentration in AI)