

Yusuf Wadi

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SUMMARY

Experienced in developing AI, BCI, and machine learning applications, as well as knowledge in neural network development. Passionate about learning and building new things, with a proven track record of success in creating new apps and games. Currently a Junior at the University of Texas at Dallas, looking for a role in software engineering where I can continue to develop my skills.

PROJECTS

TheraPT | *Python, JS, Nuxt, Vue, TS, Selenium, OpenAI API* August 2022 – Present

- Created a functioning machine-learning conversational therapist web-app
- Harvested over 200,000 lines of real therapy transcripts for the fine tuning of an NLP

IDAW | *Python, Selenium, Google Voice API* Sept 2022 – Present

- Developed a virtual assistant with custom features and functions
- Created a fine-tuned model using a custom generated data-set to parse individual intentions

Kinesis | *C#, Unity, BCI, VR* October 2022 – Present

- Prototyped a VR game leveraging BCI technologies to affect the gameplay
- Leveraged knowledge of computer science and neuroscience in order to achieve a goal

EDUCATION

Bachelor of Science in Computer Science Richardson, TX

University of Texas at Dallas

Aug. 2020 – May 2024

COURSES

Computer Science II

JAVA 2021 Fall

Computer Architecture

Assembly 2021 Fall

Discrete Math II

Graph Theory, Logic, Algorithms 2021 Fall

Data Structures and Algorithms

Time/Space Complexity, DP 2022 Spring

Linear Algebra

Matrices, Vector Spaces, Eigenvectors 2022 Spring

Unix/Linux

C++ 2022 Spring

EXPERIENCE

Web Development Intern May 2022 – August 2022

Monoware Studios

Richardson, TX

- Familiarized with Nuxt, Vue, and Tailwind development
- Developed multiple websites from scratch using Nuxt and Vue frameworks
- Gained experience in working with a team in a fast paced development environment

TECHNICAL SKILLS

- **Languages:** Java, Python, C/C++, C#, JavaScript, HTML/CSS, Typescript
- **Frameworks:** Node.js, JUnit, Vue, TailwindCSS
- **Developer Tools:** Git, Docker, VS Code, Visual Studio, Eclipse, Bash, Unity3D
- **Libraries:** pandas, NumPy, Matplotlib, keras, neuralintents, openai, tensorflow, nltk

ACTIVITIES

Youth Coordinator | *MAS Dallas – Richardson, TX* August 2021 – January 2022

- * Organized and prepared events at the Muslim American Society of Dallas.
- * Coordinated youth activities and created flyers that had thousands of impressions online.

Camp Moderator | *Camp Ascend – Denton, TX* August 2020 – March 2022

- * Oversaw and directed outdoor camping activities, including archery, zip-lining, and air gun target practice.
- * Taught classes for archery and practiced clear communication skills in order to convey new ideas.