

AYESHA A. MALIK

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SKILLS

Languages: R, Python, C#, JavaScript, SQL, LaTeX, Matlab

Tools & Frameworks: Unity, Blender, GitHub, Linux/ HPC env, Docker, Conda, Qualtrics

Research & Professional Skills: Manuscript drafting & revising, IRB drafting, literature reviews, benchmarking

Python Libraries: Pytorch, TensorFlow, scikit-learn, Pandas, NumPy, SciPy, Matplotlib, Seaborn

WORK EXPERIENCE

Sept 2024 - Present

CS Graduate Student Services Office | Univ. of Central Florida | Assistant

- Answer email, in person, and phone inquiries from CS PhD and Master's students, and provide information on program requirements and departmental policies
- Help organize the hiring process for grader's, GTA's, post doc's, and professors
- Help facilitate graduate student open houses
- Give tours to prospective professors and postdoc candidates

May 2022 – Aug 2023

Infotainment | Electronics Technician

- Repaired car infotainment systems. Micro-soldering, electronics troubleshooting, and diagnostics

VOLUNTEER EXPERIENCE

Nov 2023 – Present

Project Downtown Orlando | Secretary

- Local non-profit that provides over 800 meals & hygiene kits to individuals in need every month
- Oversee backend operations such as planning and executing logistics for services, developing and managing annual budget of \$35,000
- Manage all legal compliance and filings to keep federal, state, and local records up to date
- Assisted in developing website and collaborative workspace for organization
- Represent PDO in all official capacities when interacting with sponsors & third party service providers.
- Serve as central point of communication and coordination for the board and sponsors

Aug 2023 – May 2024

Microsoft TEALS | Teaching Assistant

- Program that builds sustainable computer science programs in high school.
- Assist the instructor with teaching computer science lessons on python and java.
- Provide one-on-one guidance to 25 students on programming assignments.

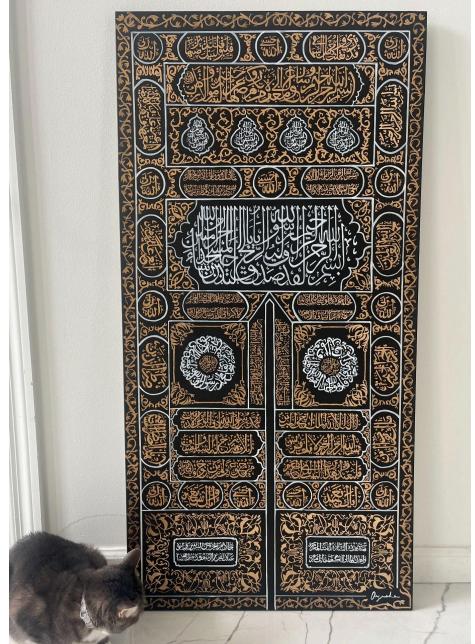


PERSONAL PROJECTS

Jan 2023 - May 2023

Arduino Controlled Iron Man Helmet

- <https://youtu.be/KnIzCPokLtY>
- Fully automated Iron Man Helmet I built from scratch
- Implements use of Arduino Nano, servo driver, 10 motors, 3D printed hull, LED eyes, and rechargeable power supply
- Coding, wiring, and assembly took me over 150 hours



My entire life

Paintings

- One day I aspire to host an art exhibition and donate all proceeds to primary education institutions in Pakistan.

