Mohammad Hasibur Rahman

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EDUCATION

University of Texas at Arlington | Arlington, TX   December 2026
Bachelor of Science in Computer Science   GPA: 3.7

SKILLS

- **Developer Tools:** Azure, Git Github, VS Code, PyCharm, Jupyter Notebook, Flowise
- **Programming:** Python(Intermediate), Java(Intermediate), C(Intermediate), HTML(Intermediate), CSS(Intermediate), MATLAB(Basic)
- **Libraries:** Pandas, NumPy, Scikit-learn
- **Interpersonal:** Leadership, Public Speaking, Communication, Teamwork, Time Management, Problem Solving, Adaptability, Critical Thinking, Networking

EXPERIENCE

Undergraduate Research Opportunity Program | Arlington, TX   January 2024 – Present
Research Assistant | *Android Studio, Java, Machine learning*
- Developed an app using Unity for displaying a 3D interface based on signal data.
- Enhanced user interactivity by 40% through intuitive design and interactive elements.
- Integrated app with Meta Quest 3 for immersive 3D visualization of signals in noisy environments.

University of Texas at Arlington | Arlington, TX   August 2023 – Present
Undergraduate Student Assistant | *Yolov3, Roboflow, PyTorch, Python, Deep Learning*
- Building a computer vision model to detect signals using Yolov3
- Annotating the signal files using Roboflow and labeling each of the images
- Training the model using Pytorch and writing code to fit the model using Python

ACTIVITIES & LEADERSHIP

Students in Computing and Artificial Intelligence | Arlington, TX   October 2023 – Present
President
- Established SCAI, a student-led AI platform, with strategic leadership, growing membership to 50+.
- Orchestrated two social events, fostering connections between students and faculty advisors.
- Led officer recruitment and organized innovative events like professor-led podcasts, Machine Learning Mondays, and a mini hackathon for a dynamic learning environment.

Dev Change Makers   May 2023 – December 2023
Technical Contributor
- Trained a community of newly interested ML enthusiasts on the basics of Machine learning
- Provided resources to practice their ML concepts (i.e. regression, clustering, classification)
- Hosted a competition on guessing the right ML concept based on the given data

PROJECTS

Microsoft Imagine Cup - Passed preliminary stage | *Unity, Machine Learning*   February 2024
- Developed AR/VR applications to enhance signal detection capabilities, leveraging Android Studio and Java for seamless SSH integration
- Advanced model evolution through the implementation of machine learning algorithms, enabling autonomous learning and adaptation from provided datasets

Minions Fitness Tracker   April 2023
URL -http://hdl.handle.net/10106/31529
Developed and published a fitness tracker project using MATLAB

CERTIFICATIONS & AWARDS

Python PCAP (Pass Certified Associate in Python Programming)   August 2023
Covered fundamental Python concepts including data types, loops, variables, recursions, and functions, and gained proficiency in algorithmic thinking and problem-solving.

Machine Learning with Python   July 2023
In-depth study of machine learning techniques including regression, clustering, and classification. I utilized Python and Scikit-learn to build predictive models for real-world applications.

MathWorks Challenge (Ranked 2nd)   April 2023
Created a fitness tracker that got recognized and published in UTA Libraries Research Commons

EXTRACURRICULAR ACTIVITIES

ACM (Association of Computing Machinery) Development Team   February 2024
Joined ACM as a Front-End developer mentee and contributing to projects

Mobi (Junior Developer)   November 2023
Demonstrated expertise in HTML and CSS for social coding projects, collaborating with peers on GitHub to streamline pull and merge requests in open source projects