Taemoor Hasan

US Citizen | Indianapolis, IN

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EDUCATION

Purdue University, School of Science   Indianapolis, IN

Bachelor of Science in Computer Science, Certificate in Artificial Intelligence   *May 2027*

- GPA: 3.76
- Relevant Coursework: Data Mine Seminar, Architecture of Computers, Data Structures, Software Design, Linear Algebra, Statistics, Mechanics, Calculus, Operating Systems, Artificial Intelligence, Design and Implementation Of Local Area Networks, Computer Networks, Chemistry with Lab, Biometrics, Theory of Computation

TECHNICAL SKILLS

Languages: Python, Java, C++, SQL, R, JavaScript, HTML/CSS

Frameworks/Tools: React.js, Node.js, FastAPI, TailwindCSS, TensorFlow, PyTorch, Pandas, Splunk (SPL), Tableau, Power BI, Excel, AWS, Git, GCP, VMs

Skills: Machine Learning, Data Analysis/Visualization, Software/Data/AI Engineering, Cloud Computing, Full-Stack, IT Support, Agile/Scrum, Kanban, Microsoft 365, Health/Molecular Data Analysis, Bioinformatics

EXPERIENCE

Data Scientist Researcher   Aug 2025 – Present

Rolls-Royce (via Purdue Data Mine)   *Indianapolis, IN*

- Conducting analysis of large engine electronics datasets with Python to evaluate controller behavior
- Applying signal processing to voltage/frequency sensor data to detect anomalies
- Developing ML tools and visualizations to support controller safety testing

Big Data Analyst Intern   Jan 2025 – Present

Living Stones Foundation   *Remote*

- Analyzing migration and donor contribution data using Python, SQL, and R to support decision-making
- Served as summer team lead, coordinating task assignments and guided interns on analytics workflows.
- Building predictive models and data visualizations in Power BI and Tableau for fundraising optimization
- Helping to design AWS / SQL Server infrastructure for scalable analytics

Software Engineering Intern   Apr 2025 – Sep 2025

Interlinked   *Remote*

- Worked with full-stack features with React, TailwindCSS, and Node.js/Express or FastAPI
- Integrated APIs and used AWS services to improve platform reliability and performance
- Collaborated with product/design teams in agile workflows to deliver responsive, high-impact features

Software Engineering Intern   Apr 2025 – Aug 2025

Moblize.it   *Remote*

- Formulated with cloud-based applications on Google Cloud Platform, contributing to production-level software solutions
- Gained hands-on experience with CRM systems and full-stack development
- Collaborated with a mentor to strengthen cloud and backend engineering skills

Data Engineering Researcher   Aug 2024 – May 2025

Elevance Health (Anthem Inc) (via Purdue Data Mine)   *Indianapolis, IN*

- Developed Abnormalities Outliers Project using Cybersecurity and MITRE ATT&CK concepts to detect potential anomalies in sensitive patient data systems
- Analyzed diagnostic log data with Python Pandas to identify risks
- Investigated alerts in a Splunk (SPL) virtual environment supporting HIPAA-compliant medical data integrity

Information Technology Intern   Aug 2024 – Feb 2025

Blackmore Partners Inc   *Remote*

- Handled day-to-day IT issues and troubleshooting to keep internal systems running smoothly
- Assessed existing IT infrastructure and recommended targeted improvements
- Collaborated on a project about automating data comparison workflows using Power Automate and Power BI, ensuring data accuracy and supporting cybersecurity analysis