

Hibah Khan

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EDUCATION

Pennsylvania State University

University Park, PA

B.S. in Electrical Engineering, Minor in Economics, Engineering Leadership Development

Aug. 2022 – May 2026

- Activities and Societies: Muslim Student Association, Association for Women in Computing, IEEE, PSU Robotics Club
- Relevant Coursework: Data Structures and Algorithms, Project Management for Professionals, Entrepreneurship Business Basics, Functional Programming, Calculus I, II, Matrices and Linear Algebra, Differential Equations, Electricity and Magnetism, Intermediate Honors Microeconomics, Digital Design: Theory and Practice, Circuits and Devices, General Physics: Wave Motion and Quantum Physics

EXPERIENCE

Software Engineering Intern

June 2024 – August 2024

Amazon, Inc.

Seattle, WA

- Streamlining seller-disbursement flow error codes into different database buckets for multiple internal plugins
- Consulting internal partner clients to accurately organize exhaustive database of over **100+** code types
- Mapping Amazon and external partner reference IDs for more efficient flow response
- Reducing ticket overload by **60%** across department, improving **27,000** sellers' user and payment experience in Brazil

Software Engineering Architect

May 2024 – Present

trueHue, LLC

Remote

- Develop high-level architecture for backend, frontend, and database integration
- Migrated initial web iteration from Firebase to AWS, researched and consulted engineers at Amazon to confirm plan
- Oversee webdev team, develop coding guides, and assign tasks
- Create team schedule and deadlines using software management planner tools

Software Developer Intern

May 2023 – August 2023

Amazon, Inc.

Seattle, WA

- Developed department frontend console to allow internal clients access to relevant data from AWS database to meet company privacy breach standards
- Designed user-friendly mockups for batch data access
- Reduced team workload ticketing by **16%** per week
- Documented software development methodologies, commands, and internal procedures for future use by other interns

PROJECTS

Anemia Detection Project | *Python, Scikit-learn, Kaggle*

January 2024 – Present

- Developing non-invasive AI model to detect different types of Anemia without use of CBC tests using regression models
- Collected public datasets identifying macrocytic, microcytic, and normocytic anemia
- Trained and tested image datasets using scikit-learn and TensorFlow
- Communicated and collaborated with professionals at Medtronic for general mentorship and formulating business plan
- Consulted with professionals at Google Health to abide by privacy laws and understand policies

SKILLS

Languages: English, Classical Arabic, Hindi, Urdu, Spanish

Soft Skills: Research, Public Speaking, Leadership, Community Service, Entrepreneurship, Innovation

Programming Languages: HTML/CSS, JavaScript, TypeScript, Python

Other Technical: Kotlin, Java, TensorFlow, Scikit-learn, Amazon Web Services, Firebase