

Sina Asheghalishahi

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Education

UNIVERSITY OF KANSAS

B.S. in Computer Science, Minor in Business, GPA: 4.0

Lawrence, KS

May 2027

Relevant Coursework: Software Engineering I, Embedded Systems, Data Structures & Algorithms

Awards: Honors Program, Undergrad Research Fellows Program, Dean's List

THE BARSTOW SCHOOL

GPA: 4.52, ACT: 32

Kansas City, MO

May 2023

Awards: Salutatorian, The Cum Laude Society, National Honor Society, Spanish Honor Society

Skills & Projects

Technical: Python, Java, C, C++, HTML/CSS, JavaScript

Language: Spanish (professional), Persian (conversational)

Algo-Trading System

Developed a sentiment analysis model in Python w/ LangChain that parses recent news data from Yahoo Finance, and then stores it in a SQLite database. Currently developing a website in HTML/CSS/JS with a contact service for displaying results.

Currency Convertor Application

Programmed a GUI via Tkinter in Python that allows user to convert given amounts of money between different currencies tracked by the European Central Bank (ECB). Uses Frankfurter API to obtain currency exchange rates.

Experience

XR/VR RESEARCH GROUP – UNIVERSITY OF KANSAS

Lawrence, KS

VR Developer

May 2025 – Present

Developed a virtual reality simulation of civil engineering lab ASTM C 127 for Meta Quest 3 via Unity engine. Used full VR dev pipeline to develop and incorporate assets in virtual environment w/ Autodesk Fusion, Blender, Marvelous Designer, and Unity 6 in C#. Contributed to a graduate-level interior design VR simulation based on given criteria by research professor.

BRIGHTWELL, INC.

Lenexa, KS

Assembler

May 2024 - July 2024

Assembled and updated software for soap dispenser units as part of regular client orders. Also handled maintenance tasks such as cleaning warehouse environment.

GARMIN LTD.

Olathe, KS

Electronic Assembler

May 2023 - July 2023

Assembled navigational head units for BMW vehicles. Managed testing, FCT, and gasket stations along the assembly line in the manufacturing hub, and tested units in flash, run-in, and GSA processes.

Leadership & Activities

SELF ENGINEERING LEADERSHIP FELLOWS PROGRAM

Lawrence, KS

Fellow

August 2023 – Present

Engaging in entrepreneurial training and project management experience in a cohort of peers. Charged with managing Civil, CS, and ChemE teams as co-lead for 2025 KU High School Design Competition. Volunteered to design a web page with Wix and build a database using SQL for an outreach endeavor planned by local charity, #BeMoreLikeClaire.