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# SHANZAY A. KHAN

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- Objective** Looking for a summer internship where I can utilize my computer science background.
- Education** **Sep 2022 – Present: University of Massachusetts, Amherst MA 01003**  
BS in Computer Science (Minor: Information Technology)  
**GPA:** 3.57  
**Expected graduation:** May 2026  
**Coursework:** Using Data Structures, Programming w/Data Structures in C, Introduction to Computation, Computer Systems Principles, Artificial Intelligence, Reasoning Under Uncertainty, Programming Methodology, Physical Computing  
**Languages:** C, Java, Python
- Sep 2018 – May 2022: Hopkinton High School, Hopkinton MA 01748**  
**Weighted GPA:** 4.4
- Projects** **2022: Video game called “No Exit” (Team project)**  
We created a visual-novel style video game in Python. (Very basic language skills were used.) We designed the graphics as well as code to give players options to complete puzzles and solve riddles to escape an establishment.
- 2020: Game Design and Robotics Project – “What the Hex”**  
Collaborated with a team to design and program a game involving small programmable robots. Helped design game layout, obstacles, scoring zones etc. Demonstrated teamwork, problem solving and creative thinking.
- Activities** **2016 – 2022: VEX Robotics**  
Leadership positions: Co-leader for 1 year, project manager and builder for 5 years.  
Awards: Qualified for Worlds Championship in 2019 and 2020  
**2018 – 2022: STEM Club**  
Lead advertiser/designer. Raised almost \$2000 in three years to Pennies for Patients.  
**2018 – 2022: Girls Who Code Club**  
Mentored girls of grade 4-6 on different aspects of technology. Setup tech stations, built cardboard rockets, taught simple coding games.  
**2022: National Honors Society**  
**2021 – 2022: National Arts Honors Society**
- Volunteering** **2021: Youth in Philanthropy Hopkinton chapter**  
Student-led program where we learned about non-profits and grants. Led a fundraiser to raise over \$1000 and helped give \$5000 in grants to non-profit organizations.  
**2019: Malala Fund fundraising**  
Fundraising for girls' education in struggling countries in the Middle East and Southeast Asia. Walked in neighborhoods and worked in a Sikh temple with classmates to raise over \$1000 for the Malala Fund.