

MUHAMMAD KOBZAN, MECHANICAL ENGINEER

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PROFILE

Motivated first-year Mechanical Engineering student at Hofstra University with three prior internship experiences in technology-focused roles. Experienced in technical support, on-phone troubleshooting, and software beta testing, with strong analytical and problem-solving skills. Currently building a foundation in Engineering Design, Physics, and Calculus while developing 3D modeling skills in Onshape and applying systems-based thinking to real-world challenges.

EDUCATION

Hofstra University, Hempstead, NY, Sept, 2025- May, 2029

- B.S Bachelor Degree Mechanical Engineering
- Coursework: Engineering Design, Physics I, Calculus I
- Experience with Onshape for 3D modeling and collaborative engineering projects
- Strong foundation in mechanics, mathematical analysis, and technical problem-solving

EXPERIENCE

Technical Support Internship, Valor PayTech, Jericho, NY Jun, 2022 - Dec, 2023

- Delivered on-phone technical support for payment terminal systems, resolving hardware and software issues.
- Conducted beta testing of new terminal software, identifying defects and reporting findings to development teams.
- Diagnosed connectivity, firmware, and transaction-processing errors under time-sensitive conditions.

Risk Analysis, Mecca Payments, Garden City, NY Jun, 2024 - Aug, 2025

- Provided on-phone technical support for credit card terminal hardware and software issues.
- Reviewed accounts for fraudulent documentation, EBT fraud, and credit card terminal fraud.
- Documented findings and escalated suspicious cases while maintaining confidentiality and accuracy.

Bitcoin Mining, Nestor Technology, Buffalo, NY Jun, 2021 - Present

- Monitored miner performance and system status.
- Assisted with onboarding and configuring Bitcoin miners.
- Helped troubleshoot hardware and network issues.

SKILLS

Python	Experienced	Onshape	Experienced
3D Printing	Experienced	Excel	Experienced
Microsoft Office PowerPoint	Experienced		

LANGUAGES

- English Native Speaker
- Arabic Highly Proficient

EXTRACURRICULAR ACTIVITIES

Core Team, Young Muslims, Shelter Rock, NY Nov, 2021- Present

- Social media management
- Weekly meetup planning
- Design team for projects such as flyers and merchandise
- Event planner on a regional level

HOBBIES

Soccer, Basketball, Blue Belt in BJJ, Black Belt in Tae-Kwon-Doe