

Gamil Henin

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EDUCATION

New Jersey Institute of Technology, NJ
Bachelor of Science in Mechanical Engineering

Cumulative GPA: 3.70/4.00
May 2028

PROFESSIONAL EXPERIENCE

Metro Honda NJ-440 Jersey City, NJ, Automotive Technician *August 2022 – September 2024*

- Diagnosed and repaired complex mechanical and electrical issues using factory diagnostic tools.
- Performed engine, transmission, and brake system repairs while ensuring compliance with Honda standards.
- Conducted multi-point inspections and recommended necessary repairs to service advisors.
- Awarded Metro Honda Certificate of Excellence for outstanding performance and technical expertise.
- Maintained detailed service records and upheld safety protocols in a fast-paced environment.

New City Kids, Jersey City, NJ, Team Leader *September 2020 - June 2024*

- Mentored and tutored elementary and middle school students, fostering academic improvement and spiritual growth.
- Led after-school programs focused on homework assistance, leadership development, and performing arts.
- Collaborated with staff to create a supportive environment that empowered students to excel in school and in life.
- Served as a member of the Ambassador Team, delivering speeches to major organizations like GOYA, AIG, and Hoboken Grace, advocating for youth programs and fundraising initiatives.
- Played a key role in raising over \$500,000 to support educational and leadership programs for underserved students.

Mobile Mechanic and Used Car Dealer, Jersey City, NJ, Owner & Operator *September 2024 – Present*

- Launched a licensed car dealership focused on acquiring, restoring, and reselling a diverse inventory of vehicles, achieving a 40% increase in gross profit margins within the first two years of operations.
- Successfully bought and sold over 100+ vehicles, demonstrating expertise in vehicle valuation, negotiation, and market analysis.
- Built a network of buyers, repair shops, and industry contacts to streamline operations and maximize profits.
- Offer mobile mechanic services, providing on-site diagnostics, repairs, and maintenance for customers in need of quick and reliable automotive solutions.

LEADERSHIP/ VOLUNTEER EXPERIENCE/ PROJECTS

MIE Reverse Engineering and Product Design Showcase, Newark, NJ, Participant *September 2024 - December 2024*

- Secured second place in a competitive reverse engineering project, outperforming 58 other groups, by diligently deconstructing and digitally remodeling a trolley cart
- Utilized Creo Parametric to create 48+ precise digital models of each component of the trolley cart, ensuring accurate replication and measurements
- Demonstrated strong analytical skills and precision by analyzing and reconstructing 15+ complex mechanical systems.
- Enhanced the original design by engineering 2+ modifications to the trolley cart, improving its functionality and usability.

Bristol Myers Squibb-NCK Scholar, Lawrenceville, NJ, Scholar *August 2024 – Present*

- Selected as one of the distinguished scholars for the BMS-NCK Scholarship program, earning mentorship from a highly accomplished Bristol Myers Squibb professional.
- Engaged in a structured 10-month mentorship program focused on career development, leadership growth, and insights into the pharmaceutical industry.
- Participated in networking opportunities, including an in-person scholarship ceremony and mentorship kick-off event at the BMS Lawrenceville site.

FIRST Robotics Competition, Jersey City, NJ, Mentor *August 2025 – Present*

- Mentored students through the complete engineering design and build process, guiding projects from initial concept and CAD design to fabrication, assembly, and testing.
- Taught students how to design, build, and bring a robotics project to life, applying real-world mechanical engineering principles, providing hands-on instruction in mechanical design, prototyping, and system integration to prepare the team for competition.

CERTIFICATIONS/TECHNICAL SKILLS

Fluent in Arabic, CREO Parametric, CAD, AutoCAD, SolidWorks, OnShape, Honda-Tech Certificate of Excellence, ASE Certified, CPR Certified, Problem-Solving, Leadership, Project Management, Microsoft Office, Google Workspace