

Ali Hashim

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EDUCATION

University of Illinois Urbana-Champaign, Grainger College of Engineering

Champaign, Illinois

Bachelor of Science in Mechanical Engineering, Minor in Business - GPA: 3.61/4.00

May 2025

WORK EXPERIENCE

Ford Motor Company

Dearborn, Michigan

Engineering Intern, Vehicle Architecture

May 2024 - August 2024

- Influenced next-generation F-150 design decisions by performing physical vehicle ground clearance testing, co-authoring test reporting, and presented findings to upper management
- Created internal regulatory compliance CAD models used to guide the design team in meeting Ford and global standards
- Designed packaging solutions for electronic modules, underbody components, and powertrain prototypes

Navistar Inc.

Lisle, Illinois

Engineering Intern, Vehicle Architecture

May 2023 - August 2023

- Developed CAD models to optimize manufacturing processes for over \$400,000 in Class 8 truck configurations
- Conducted part interference studies on full vehicle engineering models to ensure error-free CAD data
- Expedited next-gen school bus development program by meticulously tracking engineering tasks, ensuring their timely completion, and following up with fellow team members

North Lake Cardiovascular Center

Gurnee, Illinois

I.T. Specialist

January 2016 - Present

- Provide on-call I.T. support for a cardiology clinic with 15+ employees, ensuring uninterrupted daily operations
- Manage purchasing and maintenance of all technical and medical equipment, including over 25 computers and servers
- Resolve various hardware, software, and network issues to minimize downtime and improve day to day office efficiency

AR12Gaming

Remote

Recruitment Lead, Writer

June 2016 – August 2023

- Managed a 15+ member team, overseeing recruitment and application processes through writing reviews and interviewing
- Wrote and edited technical articles and material for a YouTube news outlet with 1.8 million subscribers specializing in technology, the automotive industry, and gaming
- Attracted an audience of over 500,000 viewers and authored multiple articles ranked top 10 in website views

PROJECT EXPERIENCE

Illini Formula Electric

Champaign, Illinois

Drivetrain and Suspension Sub-teams

August 2021-August 2023

- Collaborated in a small team to reengineer a lightweight planet carrier for a custom gearbox and designed a tool to streamline planetary sun gear installation while accommodating strict constraints
- Redesigned steering rack mounting and installation strategy to guarantee compliance with FSAE guidelines

ACTIVITIES AND HONORS

- Illini Auto Group, *Vice President, Treasurer* 2022-Present
- Illinois Spanish Seal of Biliteracy 2021
- Illinois State Scholar 2021

SKILLS AND INTERESTS

- Innovative Problem Solving, Python, Fusion 360, Siemens NX, Siemens Teamcenter, JavaScript, Building Computers
- Languages: English, Arabic (conversational), Spanish (limited working)
- Interests: Soccer, Real Madrid, Formula 1, Automotive Innovation, Investments