

# 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: 3.62/4.00* *May 2025*  
Relevant Coursework: Materials, Mechanical Design, Solid Mechanics, Dynamics, Thermodynamics, Designing for Manufacturability, Statics, Linear Algebra

## WORK EXPERIENCE

**Navistar Inc.** **Lisle, Illinois**  
*Engineering Intern - Vehicle Architecture Department* **May 2023 - August 2023**

- Assembled virtual models to optimize manufacturing processes for over \$400,000 in severe service truck configurations
- Conducted interference studies on vehicle Master Models to ensure error-free CAD data
- Identified errors in bus configurations to prevent erroneous specifications from being ordered

**North Lake Cardiovascular Center** **Gurnee, Illinois**  
*IT Specialist* **January 2016 - Present**

- Provide on-call IT support for a busy cardiology clinic with 10+ employees
- Set up and maintain over 20 computers including multiple servers, ensuring smooth data storage and accessibility
- Ensure seamless IT operations for the clinic's daily functions

**AR12Gaming** **Remote**  
*Recruitment Lead, Writer* **June 2016 – August 2023**

- Managed a 15+ member team, overseeing recruitment and application processes
- Technical writer and editor for a YouTube news outlet with 1.8 million subscribers specializing in technology, the automobile industry, and gaming
- Authored and curated multiple articles that consistently ranked within the top 10 on the website, attracting an audience of up to 500,000 viewers per article

**Knaus BMW** **Lake Bluff, Illinois**  
*Service Porter* **May 2021 - August 2021**

- Executed basic vehicle maintenance and cleaning for service and loaner vehicles
- Evaluated serviced vehicles for quality assurance, relocated vehicles, and provided customer shuttle service

## PROJECT EXPERIENCE

**Illini Formula Electric** **Champaign, Illinois**  
*Drivetrain and Suspension Sub-teams* **August 2021-August 2023**

- Designed a tool in Solidworks to streamline installation of planetary sun gears
- Collaborated in a small team to redesign a lightweight planet carrier for a custom gearbox
- Redesigned steering rack mounting and installation strategy following with FSAE guidelines

## ACTIVITIES AND HONORS

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

## SKILLS AND INTERESTS

- Computer: Python, Fusion 360, Siemens NX and Teamcenter, Microsoft Office, Computer Hardware, Troubleshooting
- Languages: English (native) Iraqi Arabic (conversational), Spanish (limited working)
- Interests: Soccer, Real Madrid, Formula 1, Building computers, Automotive Innovation, Investments