

Arnav Batra

+1-5022492122 | Batra7@wisc.edu | arnavbatra.com | linkedin.com/in/batraarnav | github.com/TheArnavBatra

EDUCATION

University of Wisconsin–Madison

Madison, WI

Bachelor of Science in Computer Science, Data Science, and Economics (Math Emphasis)

Aug. 2023 – May 2027

EXPERIENCE

Siemens Energy

Data Analyst Intern

Charlotte, NC | May 2026 – Present

- Documented and mapped technical integrations across SAP S/4HANA, Teamcenter PLM, and MES systems to support a digital transformation program
- Built structured data assets and developed low-code applications in Mendix to support cross-functional decision-making
- Created Tableau dashboards to visualize transformer data and streamline equipment and resource planning

Information Technology Intern

Orlando, FL | Jun 2025 – May 2026

- Built Power BI dashboards analyzing 15K+ IT tickets, cutting manual reporting effort by 60%+
- Automated asset-recovery workflows with Power Automate, tracking 2,000+ non-compliant devices and saving an estimated \$100K
- Built internal training websites on SharePoint to support onboarding and team documentation

InfoAxon Technologies

Python Student Intern

New Delhi, India | Jul 2022

- Developed a Python program to automate Instagram/Facebook posts using Meta for Developers API
- Integrated scheduling, authentication, and content-management workflows for social media automation
- Enabled multiple users to upload and manage content on the same page

PROJECTS

NutriLens | *JavaScript, HTML/CSS*

- Built a Progressive Web App that reduces nutrition logging to a barcode scan or photo of a label
- Barcode scans pull from Open Food Facts and USDA FoodData Central; a vision LLM (Groq's Llama 4 Scout) reads photographed labels and converts values into structured per-100g data automatically
- Tracks macros, micronutrients, and daily goals; installs as a native-like app via service worker caching

Asset Management Automation | *Power Automate, HTML/CSS, Excel*

- Designed and built an automated reminder workflow in Power Automate to flag and follow up on devices held by off-boarded employees
- Developed custom HTML/CSS email templates and tracked 2,000+ non-compliant devices through the workflow
- Achieved an estimated \$100K in savings through improved compliance and asset-recovery efficiency

IT Ticket Data Visualization | *Power BI, Excel*

- Developed interactive Power BI dashboards analyzing 15K+ IT tickets to uncover resolution-time trends
- Automated weekly and monthly reporting for leadership, reducing manual reporting effort by 60%+
- Delivered insights that improved SLA compliance and accelerated ticket resolution

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, HTML/CSS, C, R, Stata

Tools & Platforms: Git, Bash, Power BI, Excel, SharePoint, Power Automate, Tableau, Mendix

ACHIEVEMENTS & ACTIVITIES

Communications Manager @ AI Club, UW–Madison

Madison, WI

- Contributed to the growth and outreach of AI Club @ UW–Madison, a student organization dedicated to advancing AI education and innovation
- Led communications initiatives to promote events, workshops, and AI-focused projects across domains such as machine learning, NLP, and computer vision
- Worked with internal teams to increase student engagement and expand the club's reach across campus

UW Archery Competitive Team

Madison, WI

- Won a gold medal in Spring 2023 at La Crosse during the Wisconsin Archery Alliance States
- Competed in an inter-collegiate archery match against UW–Stevens Point, representing UW–Madison