

Jason Nguyen

jasonbaoduy@gmail.com | (248) 760-1184 | linkedin.com/in/jasonbaoduy | github.com/jasonbaoduy | jasonbaoduy.com

EDUCATION

Lawrence Technological University <i>Bachelor of Science in Computer Science</i>	Southfield, MI Expected Graduation: May 2026
<ul style="list-style-type: none">• Cumulative GPA: 3.45/4.00• Dean's List: 3 Semesters• All-Academic Team: 3 Awards in Men's Volleyball & Esports	

EXPERIENCE

BorgWarner <i>IT Infrastructure Automation Intern</i>	Auburn Hills, MI Jun 2025 – Present
<ul style="list-style-type: none">• Develops infrastructure-as-code for Azure using Terraform and Ansible, streamlining provisioning and enabling scalable multi-region deployments• Builds and maintains cloud automation and CI/CD pipelines using Terraform Cloud, Ansible, GitHub, and Azure, accelerating deployments and reducing costs by 15%• Implemented automated cloud backup solutions with Terraform and Azure, improving data protection and reducing manual effort by 30% for SQL Servers and PostgreSQL• Collaborates with global IT teams to standardize cloud automation practices and enhance operational efficiency• Leads Wiki.js development and authors standardized policies and step-by-step CMDB documentation	
The Blue Times Student Newsletter <i>President</i>	Southfield, MI Nov 2023 – Present
<ul style="list-style-type: none">• Compiles monthly reports for LTU while coordinating team meetings and deadlines to ensure consistent publication cycles• Revamped the newsletter's content strategy and layout, increasing readership and engagement by 100%	
Lawrence Technological University <i>Research Assistant</i>	Southfield, MI Feb 2025 – Present
<ul style="list-style-type: none">• Conducts experiments using ROS and LiDAR to study robotic perception and object avoidance under Professor Wisam Bukaita• Research temporal scans of housing construction sites to analyze progress with Professor Eric Martinson	
Social Media Manager	Apr 2025 – Jan 2026
<ul style="list-style-type: none">• Created engaging content to promote tournaments, highlights, and milestones for the #1 VALORANT Esports team in WHAC• Provided live coverage of events across social media, boosting interaction and audience reach by 50%	
Team Manager	Sep 2024 – Oct 2025
<ul style="list-style-type: none">• Organized 10+ practice drills for the #1 ranked WHAC team and #3 nationally ranked NAIA Men's Volleyball program• Supported coaching staff by tracking performance statistics and metrics for 30+ athletes using Excel	
Student Assistant	May 2025 – Jul 2025
<ul style="list-style-type: none">• Assisted 12+ students in designing 3D models using CAD and facilitated operation of 3D prints to fabricate physical prototypes• Guided 20+ students in programming Python through coding challenges and robotic simulations	
Teaching Assistant	Jan 2025 – May 2025
<ul style="list-style-type: none">• Supported 40+ students in understanding concepts of Calculus I & II, including limits, derivatives, integrals, and sequences• Lead lab sessions introducing statistical analysis and data visualization using R programming on how it compiles and executes	

PROJECTS

ROS Mobile Robot	<ul style="list-style-type: none">• Built an autonomous robot using C++ and Python with blue line tracking and LiDAR-powered obstacle detection and avoidance
AI Study Planner	
Vending Machine Simulator	<ul style="list-style-type: none">• Developed a web application in Java that generates personalized study schedules for students using AI-driven task prioritization
Simple Mail Transfer Protocol	
TECHNICAL SKILLS	<ul style="list-style-type: none">• Programmed inventory management of drinks and transaction logic to handle customer payments and calculate change in C++• Developed a Python SMTP client capable of sending email messages using socket programming and Gmail's SMTP server

Programming Languages: Terraform, Python, Ansible, C++, C, PowerShell, Java, JavaScript, SQL, R, CSS, HTML

Frameworks & Libraries: React.js, Spring Boot

Databases & Analytics: Microsoft Power BI, PostgreSQL, MySQL

Developer Tools: Microsoft Azure, Terraform Cloud, Red Hat Ansible, Microsoft Office, VS Code, Visual Studio, GitHub, Git, WSL, Linux Ubuntu, ROS Noetic, Wiki.js, VMware

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals (AZ-900)	Expected: Mar 2026
--	--------------------