YOUSIF KHALEEL

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EDUCATION

Elmhurst University   **Elmhurst, IL**
Bachelor of Science, Computer Science, Minor in Mathematics
Programming Languages: Python, Java, C++, C, Swift, JavaScript, TypeScript, Standard Meta Language, Assembly, Visual Basic
Frameworks/Tools: UiPath, React, Node.js, Next.js, Bootstrap, SwiftUI, Google Apps Script, MySQL, Socket.IO, MongoDB

EXPERIENCE

Wintrust Financial Corporation   **Rosemont, IL**
Robotic Process Automation Engineering Intern   *May 2025 – Current*
- Built and deployed an unattended UiPath Studio automation with VB.NET scripting, reclaiming 218 full-time employee hours—and saving $20K+ in labor costs—every year.
- Broke the record for the most production UiPath automations delivered by a Wintrust intern, in company history.
- Drove the entire RPA lifecycle—process discovery, PDD/SDD creation, exception-resilient UiPath workflow development, Orchestrator scheduling, and knowledge transfer—while managing tasks and progress in JIRA.

E-fusion Solutions   **Remote**
IT Analyst Intern   *Jan 2025 – May 2025*
- Proactively troubleshot and resolved user issues with client operating systems, desktop and server applications, and network connectivity, minimizing productivity disruptions
- Coordinated deployment and configuration of client hardware and software, performed scheduled preventative maintenance on computers and peripherals, and remediated unsafe conditions to ensure operational reliability and compliance
- Collaborated on IT project initiatives and maintained comprehensive asset inventory records, streamlining resource tracking and supporting strategic planning

Ocean Network Express   **Lombard, IL**
Software Engineering Intern   *May 2024 – Aug 2024*
- Single-handedly engineered a real-time container scheduling system (Google Apps Script, JavaScript, HTML, CSS) to instantly validate over 8,000 shipper-owned, 4,000 off-hire, and 50,000+ fleet containers, effectively preventing port shutdowns and averting regulatory fines during peak seasons
- Modernized and redesigned 14 internal EQC webpages, leveraging responsive design and advanced UI/UX principles.
- Projected $150K–$200K in annual cost savings by automating container validation workflows, eliminating manual checks, and substantially reducing scheduling errors, thus streamlining port traffic and enhancing operational efficiency.

Cognizant   **Remote**
Generative Artificial Intelligence Extern   *May 2024 – July 2024*
- Engineered a robust image recognition pipeline, benchmarking and optimizing the efficiency of multiple Convolutional Neural Network (CNN) architectures for higher accuracy and faster inference.
- Preprocessed dataset by applying tokenization to train Bert model using PyTorch and HuggingFace
- Adjusted hyperparameters and evaluated metrics to measure model performance.

PROJECTS *Additional Projects Listed on Personal Portfolio and GitHub*

Ychat.live | React, JavaScript (ES6+), Socket.IO, HTML/CSS, Node.js, MongoDB
- Engineered a full-stack, sub-50 ms-latency chat platform with React, Socket.IO, Node.js, and MongoDB—scaling effortlessly to 1,000+ concurrent users, leveraging automated 24-hour TTL message expiry, and powering CI/CD deployments on Netlify and Render with robust CORS and environment-variable management.

EmergencyWeatherReporter.com | Next.js, React, JavaScript, HTML/CSS, Weather Service APIs
- Architected and deployed a full-stack weather emergency platform using Next.js/React, implementing real-time National Weather Service API integration, alert systems, and location-based notifications for Current Weather events
- Developed a responsive weather monitoring system featuring dynamic calculations, email subscriptions, and cross-platform compatibility for public safety.