

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

- Completed Wintrust-sponsored RPA training, mastering UiPath Studio and embedded Visual Basic scripting fundamentals
- Developed two end-to-end UiPath automations (leveraging VB code) to streamline key processes and reduce manual effort by approximately 30%.
- Assisted senior RPA engineers with UiPath Orchestrator setup and monitoring, maintaining a 98% bot success rate

E-fusion Solutions

Remote

IT Analyst Intern

Jan 2025 – May 2025

- Proactively troubleshoot 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.
- Conducted in-depth training for data analysts on web application maintenance, technical documentation, and system architecture, ensuring long-term sustainability and effective knowledge transfer within the organization.

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, automated 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.