

Hlib “Gleb” Bereziuk

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Purdue Computer Science rising senior delivering cloud, AI, and embedded systems. Azure-certified (AZ-204) with experience in distributed architectures, MCP/LLM systems, IoT, and automation; led a deployed hackathon finalist project.

EDUCATION

Purdue University

Bachelor of Science in Computer Science.

West Lafayette, IN

Expected May 2027

- GPA: 3.46. Minor in Mathematics; Minor in Political Science; Certificate in Entrepreneurship & Innovation

PROFESSIONAL EXPERIENCE

Corteva Agriscience

R&D Engineering Intern – Software & Embedded Systems

Indianapolis, IN

Jan. 2026 – Present

- Building a custom Python MCP server on internal AI infrastructure, unifying fragmented data silos through automated OCR, semantic search, and real-time indexing of engineering documentation for a 12-member team
- Modernizing legacy systems by migrating control logic and monitoring interfaces to Ignition SCADA, improving user experience and maintainability; deployed tooling supporting operations across four international facilities
- Developing embedded diagnostic and monitoring tools with Arduino and Raspberry Pi hardware for streamlined testing of laboratory control systems, reducing maintenance overhead and accelerating issue detection
- Implementing PLC-based automation systems integrating analog I/O and Modbus communication over serial and Ethernet networks, enabling centralized control and data collection across 25+ concurrent laboratory experiments
- Designing and assembling safety-critical relay-based control systems with supporting electrical and mechanical documentation, ensuring safe operation of laboratory experiments across multiple sites

Target

Fulfillment Specialist

Wheeling, IL

Jul. 2022 – Present

- High school job. Processed online orders. Retained an on-demand role after starting college.

PROJECTS

AgraSense | [Azure](#), [ESP32](#), [IoT](#), [Spring Boot](#), [React](#)

- Top-5 finalist out of 110+ submissions at Purdue’s hackathon; continued under mentorship of a CS professor
- Delivered a simple, affordable solar powered ESP32-based WiFi mesh agricultural sensing solution
- Deployed at the Indiana Corn and Soybean Innovation Center and demonstrated during Purdue Agriculture Week
- Led development of Azure infrastructure and a Spring Boot backend for scalable IoT sensor data ingestion

Sale2Me | [Azure](#), [Kubernetes](#), [Docker](#), [Spring Boot](#), [jQuery](#)

- Launched a production storefront with a custom inventory system for a family business, active since 2021
- Deployed on Azure using Azure Kubernetes Service, VMs, Blob Storage, Cosmos DB, App Insights

LEADERSHIP

Boiler Gold Rush, Purdue University

Team Supervisor – International, Team Leader – International

West Lafayette, IN

Mar. 2024 – Aug. 2025

- Led a team of 10 orientation leaders and coordinated program logistics for student orientation week
- Spoke on a panel to 500+ international students regarding adaptation to academic and campus life in the U.S.
- Guided 16 new students from 10 countries through their transition to academic and campus life at Purdue

TECHNICAL SKILLS

Programming Languages: Java, Python, C, C++, Assembly (x86-64), JavaScript, R, SQL

Frameworks & Software: Spring Boot, React.js, Docker, jQuery, Git, CI/CD, Agile Development, Scrum Methodology

Cloud & Infrastructure: Microsoft Azure (App Insights, Blob Storage, Cosmos DB, Azure Kubernetes Service, other)

Embedded & Industrial: Arduino, ESP32, Raspberry Pi, PLCs, Modbus, 4–20 mA, Wi-Fi/LoRa systems.

Engineering Tools: Inductive Ignition SCADA, SolidWorks, AutoCAD Electrical

CERTIFICATIONS

Microsoft Certified: Azure Developer Associate (AZ-204) | Issued June 2025

Illinois State Seal of Biliteracy: Ukrainian & Russian; Commendation in German