

# Krish Kalathiya

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## EDUCATION

**University of Cincinnati** | Cincinnati, Ohio  
Bachelor of Science, Computer Science

**Graduating: May 2027**  
GPA: 3.98

- Primary Coursework: Data Structures, Computing Systems, Information Security

## SKILLS

**Programming:** Python, Java, C++, VBA, LabVIEW, MATLAB, CAPL (Vector CAN Tools)

**Software:** Vector CAN Tools (CANape, CANalyzer, CANoe, vTestStudio), CARLA, PTC Windchill, JIRA

**Other:** Functional Integration Testing, Data Mining, J1939 and CAN Protocols

## EMPLOYMENT

**University of Cincinnati** | Cincinnati, Ohio  
Engineering Design Thinking Peer Teaching Assistant

**Aug 2025 – Dec 2025**

**Bendix Commercial Vehicle Systems** | Avon, Ohio

Computer Science Co-op, Summer Semester

**May 2025 – Aug 2025**

- Implemented CARLA, an open-source solution to be used for Functional Integration Testing, saving over \$90,000 across 7 Hardware-in-Loop Testing systems across the globe
- Developed an enhanced understanding of development and testing of Adaptive Cruise Control systems
- Performed data analysis to ensure system safety, and alignment with customer specification and industry standards

**Computer Science Co-op, Fall Semester**

**Aug 2024 – Dec 2024**

- Collaborated with teams in Mexico, India, and Germany to support Advanced Driver Assistance Systems Teams
- Applied knowledge of J1939 standards and the CAN protocol to develop critical data mining scripts
- Built a file-matching utility to automate an intensive, manual 15 minute per file process down to 2 intuitive clicks and a short 15 second processing time, increasing efficiency by 60x
- Took initiative to identify issues in existing MS Excel-based process for tracking Testing Mileage and upgrade it to a robust UI-based solution, eliminating scope for user errors

**University of Cincinnati** | Cincinnati, Ohio

**Jan 2025 – Apr 2025**

Engineering Design Thinking Peer Teaching Assistant

- Guided over 60 students over the semester through critical early engineering topics such as Design Process, Ethics, CAD and Python while maintaining a perfect 4.0 GPA for a regular courseload
- Facilitated project demonstrations for over 1500 students in a timely manner
- Ensured smooth operation of a series of 3 courses through the collective effort of a team of 80 TAs

## PROFESSIONAL DEVELOPMENT

**Membership Chair, Association for Computing Machinery @UC** | Cincinnati, Ohio

**May 2025 – Present**

**Revolution UC, Association for Computing Machinery @UC** | Cincinnati, Ohio

**Sep 2023 – Mar 2025**

Organizer, Web Developer

- Collaborated with a 10+ member team to update base front-end framework of website to a simple and lightweight framework called Astro, directly resulting in quicker load times and better user experience
- Worked in a team of over 40 people in a fast-paced environment to host the largest hackathon at University of Cincinnati for over 270 in-person participants for 2 years in a row

## AWARDS & HONORS

**International Outreach Award**

**Aug 2023 – Present**

**Dean's List**

**Aug 2023 – Present**

**AVAILABLE FOR CO-OP: SUMMER 2026**