

Kiva Gordon

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Engineering Student seeking internship for Study Abroad in South Korea.

Key Skills

Circuit Design | Programming | Prototyping | Validation

EDUCATION

University of Hartford – West Hartford, CT, United States

Major: Computer and Electronic Engineering Technology B.S

Expected Graduation: May 2027

Dean's List: Spring 2023, Fall 2023, Spring 2024, Fall 2024, Spring 2025

Organization: Institute of Electrical and Electronics Engineers (IEEE)

Relevant Courses:

Microcontroller and Computer Interfacing	Differential Equations
Automated Graphical Programming and System Design	Algebra-Based Physics 1-2
System on Chip	Programming Foundations

WORK EXPERIENCE

AMD – Austin, TX, United States

System Validation Engineer - Intern (9/2025-Present)

- Performed hardware and software validation tests to ensure system reliability and compliance with client requirements.
- Contributing by improving overall quality of delivered systems by 20% through debugging, test automation, and inspection.

Marshalls – Manchester, CT, United States

Merchandise Associate (6/2022-8/2025)

- Manage and process inventory, assist customers, and regulate operational safety.

Ministry of The Presidency - Georgetown, Demerara-Mahaica, Guyana

Bookkeeping Clerk (7/2019-10/2019)

- Processed and recorded cash receipts, invoices, and miscellaneous transactions.
- Maintained and formatted ledgers in addition to preparing financial statements.

PROFESSIONAL SKILLS

Project Management	Functional Testing
Serial Peripheral Communication (SPI)	Lab equipment operation i.e., DSO, DMMs and AWG
CAD/EDA software (OrCAD & Quartus)	Circuit design and assembly
Programming Languages – C, C++, Python, VHDL	System Debugging

PROJECTS

Proximity Alert System - *University of Hartford (04/08/25) - (5/1/2025)*

- Designed for practical use in parking and safety systems for high-risk environments.
- Includes visual and audible alerts for distance detection.
- Features symbol-based display for color blind accessibility.

DC-DC Regulator - *University of Hartford (04/05/24) - (04/30/24)*

Designer and Presenter

- Led a small team in designing a versatile synchronous step-down DC-DC converter for an LED streetlight.
- Built schematics and verified performance metrics of IC chips used.

Robot Ant Project - *University of Hartford (11/09/22) - (12/02/22)*

Coordinator and Presenter

- Led a small team in designing and building a small-scale autonomous robot ant for ploughing monitoring.
- Implemented sensor integration and control algorithms using Arduino Uno.
- Conducted extensive testing and optimization to ensure robust performance in various terrains and conditions.

PROFESSIONAL DEVELOPMENT

Institute of Electrical and Electronics Engineers (IEEE) – Student Branch

Secretary *(4/25-Present)*

- Maintain chapter records, document meeting minutes, assist with event planning, and coordinate communication between members and university departments.

AWARDS AND HONORS

- **First Place CETA Design Expo** – *University of Hartford (12/02/2022)*
Robot Ant recognized as the top project in the College of Engineering, Technology, and Architecture (CETA) Design Expo.