**Darwon Kim**

darwonk2@illinois.edu Project Portfolio: <https://darwonkim720.github.io/portfolio/>

(447)902-2286

**EDUCATION**

**University of Illinois at Urbana-Champaign May 2025**

BS, Electrical Engineering(Junior)

* 3.7 GPA
* Most Recent Coursework: ECE342/343(Electronic Circuits + Lab), ECE385(Digital Systems), ECE380 (Biomedical Imaging)

**Graded American School of Sao Paulo (High School) June 2019**

* STEM Club Leader
  + Advised 2 groups of students to build their first combat robots with Lego Mindstorm
  + Used Tinkercad to design and 3D print quadcopter chassis from scratch

**SKILLS**

**Skills:**

* Experience in Python, C/C++, LTSpice(Basic), System Verilog(Beginner)
* Fluent in English, Korean

**EXPERIENCE**

**ILLINI FORMULA ELECTRIC, Circuit Design Team 01. 2023 – Current**

* Soldering experience on printed circuit boards

**UIUC CODABLE, Python Project Team 09. 2022 – 12. 2022**

* Developed web scraping program that notifies user when a new car deal with user-specified parameters appears. Created using BeautifulSoup library to parse website html data in real-time.
* Wrote function that scrapes relevant data using user-specified parameters.
* Wrote function that organizes scraped data and writes into separate csv files.

**UNIVERSITY OF ILLINOIS AT URBANA CHAMPAIGN 11. 2019 – 12. 2019**

* Designed and created a custom parking sensor at the circuit level on a breadboard using an ultrasonic sensor, non-inverting op amp, LEDs, and other circuit components.

**DEEPSOUND 03. 2022 – 07. 2022**

Quality Assurance InternSeoul, Korea

* Translated over 15 documents of user manuals and testing/validation data of PAUT devices from Korean to English
* Created and managed company website using Wix

**ROKA / REPUBLIC OF KOREA, ARMY 09. 2020 – 03. 2022**

Specialty: Transportation and Vehicle Maintenance

Cheorwon, Korea

* Managed transport logistics for 22 drivers and 31 vehicles by planning movement routes of troops and supplies during both training seasons and non-training seasons.
* Operated and maintained 31 armored vehicles.

**EXTRACURRICULERS**

**KOREAN CHURCH OF CHAMPAIGN-URBANA**

* Administrative Manager of the Korean Church of Champaign-Urbana (KCCU) **09. 2022 – Current**