DANIEL DEROSIER

+1(708) 738-7188 ◇ North Riverside, IL

dderos3@uic.edu

OBJECTIVE

Enthusiastic student and tinkerer with a knack for problem solving. Passionate about wireless communication, controls, and resource limited systems. Known for having talents in optimization and collaboration

EDUCATION

Bachelor of Computer Engineering, University of Illinois at Chicago   Expected 2024
Total GPA: 3.34
Major GPA: 3.70

SKILLS

Technical Skills	Embedded software development in C/ C++, Data analysis and automation in Python, and R, System administration, Signal analysis
Soft Skills	Verbal and written communication, Collaboration, Time management

EXPERIENCE

HRIS Analyst   Aug 2019 - Jun 2021
Claire's   *Hoffman Estates, IL*

- Analysis of large data sets
- Report automation
- Administration of Taleo (ATS) and Dayforce (HCM)

Undergrad Research/Scientific Aide II   Oct 2021 - Jun 2022
University of Illinois at Chicago   *Chicago, IL*

- Data cleaning and analysis using Python and R
- Compilation of significant findings for use in conference paper

Embedded C++ SW Developer Intern   Jun 2022 - Aug 2022; Jun 2023 - Aug 2023
Nokia   *Naperville, IL*

- C++ development for radio hardware
- Automation and various utility scripting in Python
- Participated in code reviews

Embedded C++ SW Developer Co-op   Aug 2023 - Present
Nokia   *Naperville, IL*

- Feature development for base station radios
- Hardware test automation

PROJECTS

Error Notification System Used an Arduino Nano as a controller for an LED strip. The controller changes the LED strip color to red when compilation errors occur.

Automated Planter Used an Arduino Mega, pumps, plant light, sensors to regulate the environment for a window side planter.

Head Unit Automotive OS 13 port for Raspberry pi, currently a work in progress.