

Ken Vonckx

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Education

- Bradley University**, Peoria, IL (3.02 GPA)
Bachelor of Science in Electrical Engineering (May, 2019)
- Minor in Information Management Systems

Relevant Courses

- Embedded Linux (ECE 372)
- Embedded TCP/IP (ECE 373)
- Real-time Operating Systems (ECE 371)
- Control Systems (ECE 441)
- Autonomous Mobile Robotics (ECE 467)
- Electronics (ECE 303)
- Computer Networking (MIS 373)
- Business Analytics (MIS 173)
- Database Design (MIS 272)

Projects

- 2 Degree of Freedom Helicopter
- Developing an Android application using neural networks and control algorithms for Quanser AERO platform

Experience

- Habitat for Humanity Greater Peoria – Assistant Store Manager (June 2017 – present)
- Responsibilities include: determining donation pricing, scheduling truck pickups, contacting local church organizations, and delegating tasks to other employees
 - Independently proposed, developed, and implemented a microcontroller Linux platform for ReStore customers and working on a database to contain warranty and church information between three stores
 - Designing an Android application to notify ReStore customers of sales and store information and working to create a Bradley mobile app internship program with the ReStore

Activities

- IEEE (2014 – present)
- Engineers in Entrepreneurship (2017 - present)
- Mixed Martial Arts Club (2017 – present)

Honors

- Eagle Scout (2013)
 - Accomplished numerous character building tasks
 - Executed a service project from beginning to end including planning, budgeting, designing, and delegation of 10 scouts
 - Senior Patrol Leader for 2 years (led troop meetings and oversaw event planning)
- 3x Dean's List Recipient

Skills

- Programming
 - C & C++
 - MATLAB & Simulink
 - Python
 - VHDL
 - Java
 - Mobile Applications
 - Circuit Design and Analysis
 - Op-amp
 - Filter
 - Voltage Regulator/ Rectifier
 - ORCAD/ PSPICE Simulations
 - Information Systems
 - Microsoft Office (Macro & Visual Basic Capabilities)
 - SQL
 - Web Design
 - Interpersonal
 - Hard-working
 - Good listening & Communication skills
 - Self-motivated
 - Eager and willing to learn
 - Strong attention to detail
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