

Kennedy Echeverry – kenech8@gmail.com

Education/Certifications

B.S. Computer Engineering – University of Oklahoma Class of 2019
Engineer-in-Training Texas - 69187

Skills Summary

Unity, Java, C, C++, HTML5, MATLAB, ARM Mbed, NI Labview, Analog Circuitry and Board Design

Work Experience

Principal Instructor of Web Technologies and Curriculum Designer (1 Year)

Gained experience teaching modern technologies such as drones and robotics connected to phones/computers via Bluetooth and WiFi.

Engineering Circuits Teaching Assistant (6 Months)

Assisted circuits professor by holding office hours for tutoring sessions, resolving grading issues, and administering tests.

Intermural Referee: Referee for Basketball, Soccer, and Softball. (1 Year)

Learned and enforced the rules of these sports and worked together with other referees to properly officiate.

Projects

Embedded System Mastermind Game

Recreated the classic board game “Mastermind” on an NXP LPC1768 microcontroller controlled with a numerical gamepad and displayed on an LCD.

Bluetooth Enabled Lighter

Programmed a Bluno-Beetle Arduino microcontroller to communicate via Bluetooth with an Android App to be used for smoking cessation studies by the University of Oklahoma Health and Sciences Center.

Mesonet Software

Created a weather information GUI from live data collected from the Mesonet System of over 120 radar stations to track and predict tornado locations in Oklahoma.

Relevant Coursework

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|---|--------------------------------|
| ▪ Programming Structures and Abstractions | ▪ Microprocessor System Design |
| ▪ Data Structures | ▪ Electronics |
| ▪ Digital Signals and Filtering | ▪ Digital Design |
| ▪ Circuits 1, 2 | ▪ Control Systems Engineering |

Honors

OU Scholars Program: Distinguished Scholars Award
Ernest W. Reynolds Engineering Scholarship
Dean’s Honor Roll - Fall 2017, Spring 2018