

# Kennedy Echeverry – kenech8@gmail.com

**Developer Website:** <https://kennedy-engr.github.io/>

## Education/Certifications

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

## Skills Summary

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

## Work Experience

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### 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

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### 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

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