Zachary Quinn

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*github*: https://github.com/fuzzylittlemanpeach8 | *website*: www.zachtquinn.com

# ***Projects***

## ***Fullstack Web Solution for MCI Records***

1. Currently working with peers to build a web application that will replace an existing process in excel to manage ~40 medical students records at a given time. I am in charge of the front-end and some of the back-end development.

## ***"Backpack.py" and Python Scripting***

I've written a python script for Arch/Manjaro Linux Users to quickly install development tools and packages, as well a script that automates a web-scraping program on a Raspberry Pi.

## ***Creating and Managing zachtquinn.com***

Currently developing personal website using bootstrap, HTML5/CSS3, JavaScript, and Django 2.0 web framework and plan to have real-time two-way interaction with socket.io to teach myself more back-end concepts.

## ***"Escape the Island" Game using C++***

Worked with peer to design a text-adventure game in C++ that involves finding tools and interacting with objects to win the game, which taught me concepts in functional programming

## ***Arduino Microcontroller Light Board***

Designed an Arduino program and circuit using an ultrasonic sensor acting as a motion sensor that will flash lights on ECPI's Software Development Club Bulletin Board when tripped, and learned how to write software that directly interacts with hardware I/O.

# **Skills & Acknowledgments**

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| --- | --- | --- |
| V.P of Software Development Club | Dean's List | C/C++ Programming |
| Web Design, Bootstrap, Vuejs | Python Scripting | Technical Communication, git |
| Linux OS CLI | PL/SQL, MySQL, SQL Server | Nodejs & Back-end development |

# **Education**

### ***ECPI University*** *| B.S. Software Development*

## *Aug. 2016 – present (graduating Oct. 2018)*

### ***Liberty University*** *| Electrical Engineering*

Aug. 2014 – *May 2016 (72 Credits earned)*

### **Work Experience**

### ***Kroger*** *| Murray’s Cheese Department*

## *Feb. 2018 – Aug 2018*

### ***JoJack’s Espresso Bar & Cafe*** *| Utilities, Cook, Kitchen Lead*

## *Sept. 2016 – July 2017*