

# Louie Kafka

SOFTWARE ENGINEER · WEB DEVELOPER

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## Summary

Computer Engineering Technology graduate seeking an entry level position in the field of software engineering and web developing. Team player with good communication skills who is flexible and ready to work with passionate team of designers and developers. My interest include creating web applications with frameworks such as bootstraps and node.js

## Skills

<b>Languages/Technology</b>	Python, C++, AutoCAD, LABVIEW, Linux
<b>Hardware/Technology</b>	Circuit Analysis, Soldering, Multism, Oscilloscope
<b>Front End</b>	HTML, CSS, JavaScript, jQuery, BootStrap
<b>Back End</b>	Node, Express, MongoDB, Mongoose

## Education

### University of Houston

B.S. COMPUTER ENGINEERING TECHNOLOGY

Houston, TX

Aug. 2012 - Dec 2017

### Web Developer Certificate

UDEMY WEB DEVELOPER BOOTCAMP BY COLT STEELE

Online

Jan. 2018 - March 2018

## Projects

### Optimal Wellness

CORE MEMBER & SENIOR PROJECT

Jun. 2010 - PRESENT

- Developed by a 5 person team, project is a rehabilitation wearable device for ankle injuries
- Devising a user friendly multiplatform application which interprets analog data from a microcontroller and 3 sensors.
- Help developed a videogame that interacted with the microcontroller using a python-based library called Kivy
- The 8 month project requires technical documentation, business plans, and professional presentations

### Knock Detecting Door Lock

MEMBER & MICROPROCESSOR PROJECT

Jan. 2016 - May. 2016

- Developed by a 3 person team, project is a device that can unlock a door without the use of a key
- Uses an Arduino microcontroller integrated with a motor, Piezo speaker, and LEDs to determine the device's status
- Created an algorithm that detected the time difference between each door knock to determine the knock pattern

### YelpCamp

[HTTPS://WARM-HEADLAND-23761.HEROKUAPP.COM/](https://WARM-HEADLAND-23761.HEROKUAPP.COM/)

March. 2018 - Present

- A full fledged web application that integrates front end and back end
- Front End styling uses HTML, CSS, JavaScript, and Bootstrap
- Application uses CRUD functionalities using Node, Express, Database, REST APIS, and Authentication.
- Web Application was deployed by implementing a cloud service called Heroku

## Work Experience

### Guru Burgers & Crepes

Sugarland, TX

SERVER & MANAGER

May. 2013 - PRESENT

- Responsibilities as a Head Wait included managing up to eight servers at a time and ensuring that we maintain and provide high quality service throughout the day
- Comfortable with managing sales and restaurant inventory of upwards to \$5000 on a day-to-day basis
- Self-taught how to up-sell and engage direct customers to off-the-menu items, meal add-ons, and specialty drinks
- Developed and provided on-the-job training program to assist and familiarize new employees with the restaurant system