# Nigel Otieno

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#### PROFESSIONAL SUMMARY:

Multi-faceted software developer experienced in the full project life cycle of web applications from design and implementation to integration. Dedicated and eager to execute web development skills as a junior full-stack developer.

### TECHNICAL SKILLS:

HTML, CSS, JavaScript, React, JQuery, Java, Spring Boot, Python, Node.js, Django, Bootstrap, MySQL, Postgres, SQLite, MongoDB, Postman, API integration, bcrypt/jBcrypt, MVC, GitHub, Linux, Raspberry Pi, Adafruit PCA9685

#### PROJECTS:

#### Call Your Momma | Full-Stack Developer | Oakland, CA

2019

E-Commerce website built using: Python, Django, SQLite, Heroku, Postgres

- Wireframe design allowed me to efficiently structure the features that are needed to provide shoppers with a seamless experience navigating through
  products and company details.
- Provided shoppers with a secure payment method by integrating Stripes API used for hashing card purchases for protecting shopper's financial information.
- Integrated Google's OAuth API to provide shoppers with an alternative login that verifies each shopper's credentials by securely login them in through Google's database.

### Pi Plane Flight Controller | Full-Stack Developer | Ontario, CA

2019

Flight Controller built using: Python, Raspberry Pi, AdaFruit PCA9685

- Raspberry Pi computer was converted to be used as a flight controller to gain a deeper understanding of implementing software and hardware through the Python Language by integrating pulse width modulation for motor control.
- Integrated pulse width modulation software to Raspberry Pi GPIO pins to access a full range of frequencies for brushless motor and 9g servo control.
- Implemented PyGame library to have users be able to use a wireless gaming controller to send commands to the raspberry pi as it reaches greater distances of flight.

#### ComUnity | Full-Stack Developer | Oakland CA

2019

Cultural Event website built using: Java, Spring Boot, MySQL, Postman

- Event-based website built to attract people of various ethnicities and backgrounds to be able to connect with a multitude of cultures.
- Implemented calendar API to allow admins of events to be able to inform attendees of event updates and efficient scheduling through Google services.
- Enabled Spring Boot JSTL tags to incorporate features such as liking, joining, and canceling events to enhance the user's experience for accurately
  updating guest and VIP attendees.

#### **EXPERIENCE**:

### Freelance Web Developer | NGEX | Oakland CA

2019

- Built engaging portfolio website UI for MI Board of Education candidate with JavaScript, HTML, CSS, BootStrap
- Collaborated with the CEO of NGENX to ensure customer satisfaction

#### Customer Sales Advisor | GNC | Pomona CA

2018-2019

Improved operational efficiency by managing customer requests, store inventory, transactions, new purchase orders, increasing sales by ~15%

# Sales Representative | 24 Hour Fitness | Montclair CA

2017-2019

 Collaborated with IT, product management, and service personnel to better tailor sales communications and stay current on company offerings and business policies

#### **EDUCATION:**

# Coding Dojo, Oakland CA

Nov 2019

Full Stack + Web Development Certificate

- Developed full-stack applications to render data visually
- Collaborated with peers to provide accurate data through backend development
- Proficiently executed projects to meet deadlines with an engaging user interface

### Rancho Cucamonga College, Rancho Cucamonga CA

2016-2019

• Pre-Dental: Dental Assistant program