# SAMUEL OBINNA NNODIM

OBINNA

## 🎓 EDUCATION

2017
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2013

**Columbia University in the City of New York**
New York City
📍 New York, NY

B.S. in Computer Engineering

## 💼 EXPERIENCE

Jan 2019
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Jul 2019

**Distributed Systems Engineer**
LaunchDarkly
📍 Oakland, CA

- Worked to help expand G microservice architecture, building metering into company SSE-based architecture that serves billions of requests per day.
- Built out existing internal Go APIs and external facing documentation of API's and serivces.
- Improved upon existing Metabase implementation used for internal reports within the company.
- Implemented Chaos Engineering within company engineering stack using Gremlin.

Jan 2018
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Jan 2019

**Development Lead**
Represent Development Agency
📍 Berkeley, CA

- Pushed Company towards Containerization using Kubernetes to decrease hosting spend and increase flexibility.
- Built financial market analysis software for UC Berkeley Professor using finance-go library (Golang) and React.
- Created MERN stack app for internal re-use on a variety of company projets.
- Developed a comprehensive training plan for ramping up junior engineers with industry best practices in mind.

Jan 2018
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Jan 2020

**Chief Technical Officer**
Sievent LLC
📍 Sacramento, CA

- Refactored the company's Ruby monolith to Go microservices orchestrated using Docker Swarm & AWS
- Pushed container strategy from Docker Swarm to Kubernetes to handle growing remote developer team.
- Implemented CI/CD using Jenkins and CircleCI
- Created and presented prototypes in React for company's expansion into the VR/AR vertical

May 2015
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Aug 2016

**Web Developer**
LawTrades
📍 New York, NY

- Worked directly with CEO to design and develop company website pages to drive in more online traffic. Saw a 3000% spike in traffic after site was featured on ProductHunt.com.
- Built the entire propietary app for the lawtrades.com platform in PHP and Vanilla HTML/CSS/JS
- Architected and implemented features such as: PCI compliance for payments, secure chat for client to client communications, and integrated customer support.
- Improve the mobile design and functionality of the application for mobile web users

## 📁 SELECTED PROJECTS

Jan 2019
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Nov 2019

**Chumz**
Chumz LLC
📍 Nashville, Tennesee

- Moved towards new platform architecture using Docker, Kubernetes, Hasura Engine, and Google Compute Serverless Functions
- Moved company towards polyglotism using Go, Node, and Python to increase developer talent pool.

2017

**Field Study Abroad IX**
Sapienza University
📍 Honduras, Nicaragua, Costa Rica

- Conducted Field Research on Solar/Hydro Micro-Grids & Collected data to improve iTree & REM computational models (data used by MIT)
- Serviced a Micro-Hydro Generator supplying power to a village of 100+ people

2016

**Gentrification Analyzer**
Columbia University
📍 New York, NY

- Built a Python app to analyze NYC Housing Data and screen for areas affected by gentrification in Harlem
- Demoed App and Presented findings before Data Journalists from the New York Times and Columbia School of Journalism

## CONTACT INFO

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- ⌗ obiknows

## SKILLS

Leadership
Attention to Detail
Pair Programming
Customer Service
Server Networking & Administration
Site Reliability Engineering

### Languages

Golang
Javascript / Node.JS
Python
HTML/CSS
React
C/C++
PHP
SQL / Mongo

### Frameworks

Buffalo
React Native
Gastby
React / Vue.Js
Django / Flask
Wordpress / Shopify
Hasura Engine

### Other Technologies

AWS / Google Compute
Linux / Unix
Kubernetes
Docker / Docker Swarm
Rancher
Grafana / Prometheus
Arduino / Raspberry Pi