

# Chuba Oraka

github.com/ChubaOraka



gitlab.com/ChubaOraka

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## Objective

To acquire a position in Application Development and continue to grow in technical expertise while working in a high-functioning team, taking on complex technical problems and creating innovative and efficient solutions

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## Education

**UNIVERSITY OF THE POTOMAC** – Washington, D.C. [GPA: 3.91/4.0]

**Master of Science in Information Technology**, specialization in Cybersecurity, 2016-2018

**COURSEWORK:** Hacking Methodology, Network Defense and Countermeasures, Cloud Computing from the Ground Up, Cyber Crime and Homeland Security, Cyber Warfare (Capstone), Data Analytics, Project Management.

**UNIVERSITY OF LAGOS** – Lagos, Nigeria [GPA: 4.32/5.0]

**Bachelor of Science in Civil and Environmental Engineering**, 2005-2010

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## Independent Trainings

- Introductory MacOS Security Workshop
- Red Hat DevSecOps Workshop
- Azure Workshop: SQL Managed Instance
- Microsoft AI Bootcamp for Developers
- Kubernetes in Action on Azure
- BSides NOVA Malware Traffic Analysis with Splunk Workshop
- Mastering Cloud Security with CloudGuard on AWS
- Istio 101: Managing Microservices
- Prisma Cloud Compute: Securing GKE Run Time
- Convolutional Neural Networks

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## Skills Summary

- Programming (AppleScript, Bash, Shell Scripting, C#, Python, Perl, PHP, Ruby, SQL, Java, JavaScript, CSS, HTML)
- Databases (MySQL, MS SQL Server, SQLite, Postgres)
- Security tools (Kali Linux, Backtrack, Nmap, Wireshark, Splunk, Symantec Antivirus, Norton Firewall)
- Cloud services (OneDrive, DropBox, AWS, Azure, Google Cloud Platform)
- Operating Systems (Windows, Windows Server, Linux, Linux Server, Mac OS)
- Docker and Kubernetes (Docker CLI, Docker Swarm, Mini-kube, OpenStack, OpenShift)
- Natural Language Processing (TF-IDF, NLTK, etc.) and Computer Vision (OpenCV, CNN classification, etc.)

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## Relevant Work Experience

**CAPITAL DISTRICT MUTUAL AID, N.Y.; Developer (Volunteer)** – Washington, DC; 2019 – Present

- Made project more amenable to collaboration by setting up Docker configuration files and building easy startup scripts
- Modified the CSS and JavaScript of the site theme files to be more responsive for better rendering on mobile devices

**CODESPA AMERICA; Developer /IT Support (Volunteer)** -- Washington, DC; 2019 – Present

- Updated the custom WordPress theme for the organization's website thereby saving the nonprofit a considerable sum
- Dockerized the WordPress site to enable collaboration on the website project

**RIGIL CORPORATION; Developer (Summer Intern)** – Washington, DC; 2018

- Developed Machine Learning Algorithms for iViews and Ported Basic Vectoring Game from iOS to Android
- Introduced and encouraged use of collaboration tools at the workplace among colleagues and created batch script to automate git commits for team members that were unfamiliar with version control

**SCALAR FORGE; Network Engineer (Volunteer)** – Alexandria, Virginia; 2017 – 2019

- Managed and maintained network configurations and server infrastructure hosting Windows and Linux virtual machines on VMware hypervisor in data center used to facilitate training of aspiring Network Engineers
- Worked with founder of Scalar Forge on marketing strategies aimed at attracting new clients

**SMOLMAPS; Software Tester (Volunteer)** – Fairfax, Virginia; 2017 – 2018

- Conducted quality assurance testing with founder of Smolmaps on GitHub to identify four issues and worked towards their resolution

**RIGGER VICNK LIMITED; Structural Design Engineer** – Lagos, Nigeria; 2015 – 2016

- Developed Perl scripts to automate the modeling of telecommunication towers for structural analysis, saving over eight hours of work time per tower model and enabling a small team to consistently meet deadlines
- Made computer models for the design and appraisal of telecommunication masts

**ALCATEL-LUCENT LIMITED; Structural Design Engineer** – Lagos, Nigeria; 2011 – 2013

- Provided technical support to colleagues by helping in the resolution of computer, printer and network issues thereby reducing the need for involvement of the IT department and saving man-hours otherwise lost to glitches

**DOLPHIN WORKS LIMITED; Supervising Engineer** – Lagos, Nigeria; 2008

- Supervised construction work on three projects sites

# Chuba Oraka

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## Recent Projects

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- ❑ Dockerized Custom WordPress theme project for Capital District Mutual Aid
- ❑ Azure Serverless Hackathon
- ❑ Microsoft AI Bootcamp
- ❑ Social Tables Apprentice Challenge - REACT/GraphQL venue listing web app
- ❑ Web Development with SpringBoot Framework
- ❑ Custom WordPress theme for [www.codespa-america.org](http://www.codespa-america.org)
- ❑ Spam filtering algorithm project for Innovation Hackathon

## Honors and Accomplishments

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- ❑ Winner of RIGIL challenge during Innovation Hackathon 2018 (Spam Detection Algorithm)
- ❑ First runner up in Google Cloud Derby during Google Cloud Summit Washington, D.C. 2018 (Robotic car competition)

## Fellowship

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- ❑ Streetwise Partners