

# David Chukwuma

Software engineer with 5 years professional experience in the software industry. With a passion for developing innovative programs and exploring new technological fields. Actively looking to learn new skills, solve problems and optimize solutions.

## Experience

### Software Engineering Intern,

*Teletracking, May '18 - Aug. '18*

- Developed a Java-based USSD application, using Spring with a team and deployed to Azure.
- Designed and developed a micro-services centered architecture for easier scalability of the system.
- Configured and tested Rabbit Messaging queues for sending messages between micro-services.
- Analyzed overall requirements, prepared a testing plan and executed unit tests to ensure overall requirements are met.

### Senior Developer,

*Center for Communication Programs Nigeria, Nov. 2014 - Jul. 2017*

- Designed and implemented an internal file sharing system that eliminated the need for flash drives and reduced virus propagation.
- Introduced a more secure networking infrastructure in the office and increased internet connectivity and security
- Secured a 98% lifetime discount from Microsoft for the organization
- Recommended and implemented design changes to company's website and increased web traffic to website by over 5,000%.

### Software Engineering Intern,

*Central Bank of Nigeria, Sep. '14 - Aug. '15*

- Redesigned bank's Microsoft SharePoint Interface using a variety of scripting languages including CSS, ASP, JQuery and JavaScript
- Proactively assessed workflows and implemented custom online workflows resulting in the reduced need for paper
- Proposed and developed an internal web solution that automates the sending of personalized birthday emails to staff countrywide.

## Education

### Carnegie Mellon University

Master of Science in Information Technology

Concentrations: software engineering

### American University of Nigeria

Bachelor of Science in Computer Science

Concentrations: computer science.

## Stack

Java, C++, C, Python, PHP, HTML, JavaScript, CSS, Linux, SQL, Node Js, JQuery, Android, Angular.

## Phone

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## Email

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## Website

www.davechuks.com

## LinkedIn

<https://www.linkedin.com/in/david-chukwuma/>

## Github

<https://github.com/DavidChuks/>

## Classes Taken

- Designing Human Centered Software
- Product Design
- Data Inference and applied Machine Learning
- Augmented Reality and Virtual Reality
- Data Structures
- Applications of Linux Programming
- Design Patterns for Smart Phone Development
- User Interface Design Studio
- Bootstrap Essentials
- Adobe Creative Suite Essentials.

## Projects

### Enhancing Toy experience using

### Augmented Reality [Course Project]- 2018

Increased the visual experience of toys by projecting AR models tethered to the toys.

Stack: *Unity, Vuforia, C++*

### USSD and Blockchain Integration

[Course project] - 2018

Provided secure financial services to feature phones without internet access, by leveraging Blockchain technology

Stack: *PHP, AWS, Stellar, Javascript*

### Depression prediction using Data Analysis of Student data [Course project] - 2014

Used Data to analyse provided student records and predict performance rates of students and ultimately depression.

Stack: *PHP, Java.*