

# Udoka Nwosu

✉ unwosu@tuta.io

🐙 mikemane

🌐 udoka-nwosu

🌐 udoka.xyz

## EDUCATION

### University of St Andrews

MSc in Artificial Intelligence  
Expected Grad. Dec 2017  
Grade. 81 / 100

### Kingston University

BSc in Software Engineering  
Grad. Sept 2015  
Grade. 90 / 100

## SKILLS

### Languages:

Java, Python, Java+TypeScript  
PHP, Golang, (Learning) Rust.

### Frameworks:

Docker, OpenCV, React & Apache  
Spark

### Machine Learning:

Tensorflow, Keras & Sklearn

### Databases:

MongoDB, SQL & Redis

### Tools:

Git, Vim,  $\LaTeX$

## ENGINEERING

Data Structures & Algorithms  
Artificial Intelligence & NLP  
Computer Networking  
Big Data & Data Analysis  
Agile & XP  
OOP & Design Patterns

## ACTIVITIES

Hacker News & Open Source  
Gym 4 times a week  
Photography: Portrait  
Reading: Philosophy & History

11.30.2017

## EXPERIENCE

### Chillville Entertainment

Software Engineer

Jan 2016 – Sept 2016

New Addington, Surrey

- Responsible for building parts of a mobile interface and backend data caching infrastructure.
- API Development using and Javascript(NodeJS) & database administration using Redis and Mongo DB.

### Limitless Internet Solutions

Software Engineer

Jul 2015 – Jan 2016

Wandsworth, London

- Performed rewrite of a back end system to solve speed, scalability and legacy issues.
- TDD, pair programming and rapid prototyping.
- Database query optimisation, linux system administration.

### Kington University

Software Engineer Intern

Apr 2015 – Jul 2015

Kingston University, London

- Built an application for sentiment collection, aggregation and analysis of top trends in the local community.
- Developed web application using the LAMP Stack and database administration using MYSQL.

## PROJECTS

### CV Track

Paul Mann Award 2015: Most Innovative project of the year

Providing a unique and elegant way of keeping track of your resume. The process involved natural language processing for creating richer content as well as hierarchical organisation of information based on job and user preference.

### Match Time

Masters Thesis

Predictive analysis of financial market price movements using state of the art deep learning architectures. Built and implemented a robust model to predict price movements via headline analysis, using NLP techniques involving recurrent neural networks and technical analysis using convolutional neural networks.

### Ecobot

2nd Prize, ThinkHack LDN 2017

Eco friendly chatbot that helps you reduce your carbon score by suggesting alternative methods to food consumption, transportation and spending habits.