

Collins Nji

Software Engineer | Open Source Developer | Artist

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EXPERIENCE

FunNode LLC, Remote — *Software Engineer*

MAY 2018 - PRESENT

Implement machine learning agents for various games

Work on messaging platform using RabbitMQ platform and Docker

Google Code-In 2017, Remote — *Mentor*

NOV 2017 - JAN 2018

Mentored 100+ students who completed 350+ tasks created by the OpenMRS team. Tasks ranged from coding to software documentation

Created a task on running OpenMRS Platform on an AWS EC2 Instance

DeepMind Technologies, London — *Visiting Student*

SEP 2017 - SEP 2017

Build and trained a reinforcement learning model capable of playing multiple games from the OpenAI Gym environment

Had first-hand experience with deep learning models working in TensorFlow and Sonnet

Nerd Inc, Cameroon — *Co-Founder & Software Eng.*

AUG 2015 - MAR 2017

Build compression engine for medical app - MedKit using C++ achieving a 40% compression ratio for low entropy files

Build user interface for MedKit using Node.js and Electron and designed the Nerd Inc official website

Google Code-In 2016, Remote — *Grand Prize Winner*

NOV 2016 - JAN 2017

Added keyboard-only login functionality on the OpenMRS Reference Application module increasing user experience and flow

EDUCATION

Frederick High School, Frederick MD

EXPECTED - JUNE 2019

High School Diploma

Current GPA: 3.75/4

Government Bilingual HS, Bamenda Cameroon

JUNE 2015

GCE Ordinary Level. Pass 10 subjects with 22 points

LANGUAGES

Programming: C++, JavaScript, Python, Java

Spoken: English, French, Pidgin, Hausa

FRAMEWORKS

Node.js, React Native, React.JS, Socket.io

AWS, TensorFlow, Sonnet, Google Cloud, Electron, Git, MongoDB

PROJECTS

Dally - Uses speech and tone analysis to detect depression

Alfred Prufrock Editor - Arguments free writing by constructing a mind map of one's thought process

AWARDS AND ACHIEVEMENTS

Google Code-In 2016: Grand Prize winner

Google Code-In 2015: Finalist. Ranked amongst the top 5 of 1300+ students

MHacks X: Best Google Cloud Machine Learning API Hack

OPEN SOURCE & VOLUNTEER

OpenMRS - contributor

Oppia - contributor

RECAP Centre - Fine Art instructor