

# David Nwachukwu

## Full-Stack Software Engineer

✉ davidnw1998@gmail.com

☎ 07865378682

🏠 [www.davidncodes.com](http://www.davidncodes.com)

### RELEVANT EXPERIENCE

#### Arm Ltd, Cambridge — *Software Engineer*

JULY 2021 - DEC 2022

- Developed software to accelerate the design, testing, and emulation of hardware products
- Worked on web services for monitoring hardware emulation jobs
  - ◆ Distributed backend services in Nginx
  - ◆ Frontend UI with React
- Worked on web UI for embedded systems using Python Django

#### Fire Tech, London — *Course Developer & Teacher*

MAY 2020 - JAN 2021

- Developed a course teaching game development and lua programming.
- Taught technology / programming courses to students.

#### Mason Game and Technology Academy, Virginia, USA — *Instructor*

JAN 2020 - MAY 2020

- Taught the programming lessons for a Game Design course using Roblox and Lua Scripting.
- Created and managed lesson plans for 20+ students aged 9 to 13.

#### Virginia Serious Games Institute, Virginia, USA — *Lead Developer*

SEP 2019 - MAY 2020

- Developed multiple courses for teaching programming and game development including:
- Game Design with Roblox (Lua), Machine Learning & AI (Python), Game Design & Programming with Unity and C#
- Developed the website containing the courses, which was sold to commercial companies including Tencent and K12. (HTML, CSS, JavaScript, PHP)

### EDUCATION

#### University of Leicester, UK — *Computer Science BSc w/ year abroad*

SEPT 2017 - JUN 2021

#### George Mason University, USA — *Computer Science*

SEP 2019 - MAY 2020

### SKILLS

Languages: JavaScript, TypeScript, HTML5, CSS3, SCSS, Python

Frameworks & Libraries: React.js, Next.js, Django, Node.js, TailwindCSS, Bootstrap

DBMS: SQL (MySQL and PostgreSQL), NOSQL (MongoDB)

UI/UX: Figma

Version Control: Git, GitHub, Gerrit

Tools & Platforms: Netlify, Firebase

### PROJECTS

#### Charcutify

A web app built with Next.js for creating, customising and visualising custom charcuterie boards. You can also browse premade boards.

#### Ludumlib

A web app built with Next.js on the frontend, Node.js and Express.js for the backend with a MongoDB database. Authentication was built with Firebase. Allows people to discover video games, track the games they have played, view their gaming habits through a personal analytics dashboard and more.

### INTERESTS

I enjoy playing video games and occasionally develop my own games. I also enjoy developing personal web apps as a hobby.