David Nwachukwu

Full-Stack Software Engineer

✉ davidnw1998@gmail.com
📱 07865378682
🏠 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 - view at davidncodes.com

Filmdek

Generate and collect movie trading cards in this retro themed app inspired by 90's CRT televisions. Experience nostalgia in this TCG for film lovers!

Charcutify

Create, customise and visualise custom charcuterie boards in prep for your next dinner party.

Ludumlib

Discover video games, track games played, view your 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.