David Nwachukwu

Software Engineer

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EDUCATION

University of Leicester, UK — *Computer Science BSc w/ year abroad (1st Class)*

SEPT 2017 - JUN 2021

George Mason University, USA — *Computer Science (Year Abroad)*

SEP 2019 - MAY 2020

RELEVANT EXPERIENCE

Toru Digital, Northampton — *Senior Frontend Developer*

April 2023 - Current

- ➔ Developed multiple websites using PHP, Vue, Nuxt and other web technologies as necessary while increasing SEO, responsiveness and accessibility
- ➔ Websites included e-commerce, marketing platforms, data dashboards and admin tools
- ➔ Designed and led the migration from our old monolithic architecture to headless architecture utilising modern technologies such as Nuxt 3

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 using 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.

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)

SKILLS

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

Frameworks & Libraries: Vue, Nuxt, React, Next, TailwindCSS

DBMS: SQL, NOSQL (MongoDB)

UI/UX: Figma

Version Control: Git, GitHub, Gitlab

Tools & Platforms: Netlify, Vercel, Firebase, Strapi (Headless CMS), AWS

PROJECTS - view at davidncodes.com

Toru Digital

Architected and led development of our company website using Nuxt 3, tailwind, Strapi and deployed serverless with AWS.

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!

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.