| **George Edward Mitchell**  **Software Developer** | **Contact information:** 07787 560635. george.e.mitchell.1992@gmail.com,  London, SE7, [LinkedIn](https://uk.linkedin.com/in/george-mitchell-8422345a?original_referer=https%3A%2F%2Fwww.google.com%2F)**,** [GitHub](https://github.com/Poddyman0) |
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**Personal profile:**

A recent career changer entering the world of Software Development following working as a teacher.

I made this decision as I found an undiscovered passion: coding. I enjoy problem solving, learning technical skills and building projects. At present I am focused on professional development and upskilling in software development. To this end I have taken part in a 3 month Software Development Bootcamp with Northcoders, completed projects, katas, FreeCodeCamp and Harvard’s CS50 Introduction to Computer Science. Until I secure a Software Developer role, I will continue developing myself studying the FreeCodeCamp curriculum, CS50 curriculum and personal portfolio projects all of which are available on my GitHub.

**Technical skills:**

* Languages: JavaScript (JS)
* Front-end: HTML, CSS, Bootstrap, React, React Router, Axios, Mui.
* Back-end: SQL, MongoDB, Node.js, Express, Firebase, Open AI, Postgress SQL, Socket.io
* Testing: Jest, Supertest
* Soft-skills: Test Driven Development (TDD), pair programming, agile project development, spiking, risk assessment, stand ups, GitHub and version control.

**Projects:**

[**GitHub link to Northcoders News backend**](https://github.com/Poddyman0/be-nc-news-portfolio-project)**.**

This is an API that will interact with the Front End of my NC News website. The database is PSQL. It stores articles, users, topics and comments using different endpoints. The project has seeding instructions, Express app, JS app, JS controller, JS connection, JS index, JS models, JS server, SQL setup get, node-postgres, post, patch and delete endpoints that are tested with test data, Jest and supertest. This was a solo project and a link to the hosted version can be found on the GitHub page above.

[**GitHub link to Northcoders News frontend.**](https://github.com/Poddyman0/fe-nc-news)

Northcoders News (Front-end) is a React application built as the counterpart to the be-nc-news accessible on github. Many of React's newer features such as hooks, function component memoization, and more have been employed throughout, utilising function components over class components throughout the codebase in order to reduce overhead for the transpiler. Special attention was paid to ensure the design was as responsive as possible across all devices, and that good accessibility practices were employed throughout. This was a solo project and a link to the hosted version can be found on the GitHub page above.

[**GitHub link to Sens AI front end**](https://github.com/MZHoffman/sensAI)

sensAI is a application that uses Artificial Intelligence to create lessons, create assessments and mark student assignments. The back end consists of a postgress SQL database. Express, written in Node.JS, is used to communicate with the database. Backend functionality was tested with Jest and Supertest. Socket.io is also used to facilitate communication between teachers and students. A API to Open AI is also used to produce assignments, make assignments and mark assignments. Firebase is used to authenticate user login when signing in.

[**GitHub link to Sens AI backend**](https://github.com/MZHoffman/sensAI_API)

On the back end Axios is used to communicate with the backend. React and React Router DOM to create our front end. CSS and Mui are used to style the app. The link to the hosted back end and front end can be found on the above GitHub links.

**Employment:**

Software Development at Northcoders 07/2023-10/2023:

A three month coding bootcamp and traineeship at Northcoders. Whilst at Northcoders I developed the following technical skills:

* Languages: JavaScript (JS)
* Front-end: HTML, CSS, Bootstrap, React, React Router, Axios, Mui.
* Back-end: SQL, MongoDB, Node.js, Express, Firebase, Open AI, Postgress SQL, Socket.io
* Testing: Jest, Supertest
* Soft-skills: Test Driven Development (TDD), pair programming, agile project development, spiking, risk assessment, stand ups.

Freelance Teacher at EPayMe. 16 November 2022 - present.

Subject and Key stages taught: I taught a variety of subjects to a wide variety of age groups.

Programme officer at The Brilliant Club. 27 September 2022-16 November.

Experience, knowledge and skills gained: excel, salesforce, stakeholder management, teacherrecruitment, teacher training and lesson observations

A level Sociology teacher at Chingford Foundation School. 27 September 2021- 30 September 22.

Experience, knowledge and skills gained: marking, feedback, planning lessons, differentiation, behaviour management and improving student performance.

Sociology, criminology and psychology teacher at The Hundreds of Hoo Academy. 9th November 2020-31st August 21.

Subject and Key stages taught: GCSE Sociology, A level Sociology, A level Psychology and A level Criminology. Experience, knowledge and skills gained: marking, feedback, planning lessons, differentiation, behaviour management and improving student performance.

Head of Social sciences at The Hundreds of Hoo Academy. 4th March 2020-8th November 2020.

Subject and Key stages taught: GCSE Sociology, A level Sociology, A level Psychology and A level Criminology. Experience, knowledge and skills gained: management and leadership skills, observation of teachers, providing teacher feedback, developing lesson resources and schemes of work.

Sociology teacher at Riddlesdown Collegiate. 24th February 2020-3rd March 2020.

Subjects and key stages taught: A-level sociology,GCSE Religious education and PSHE.

Sociology teacher at Knole Academy. 1st September 2019-1st September 2020.

Subject and Key stages taught: GCSE Sociology, A Level Sociology, A level Psychology, International baccalaureate Anthropology, A Level Criminology and GCSE Religious Education.

Additional responsibilities: running the school debate club and conferences.

Project officer with RedR (charity training and consultancy organisation). 1st June 2019 – 1st September 2019.

My main responsibilities included creating training material, organising and delivering training sessions, running webinars, monitoring and evaluation of projects, report writing, data analysis as well as providing logistical and administrative support. With RedR I was trained in project management and monitoring and evaluation.

Project Implementation Team Leader for Voluntary Services Overseas (VSO, International Development NGO) funded by The UK Government's Department for International Development (DFID). Location: Cambodia/ UK. 19th September 2018 - 19th December 2018.

VSO is a non-governmental organisation which aims to remove the systemic causes of poverty; poor education, health and livelihoods. I managed twenty people in the implementation of the Youth Economic Empowerment Project (YEEP), a livelihood project in rural Cambodia, which aimed to eliminate poverty by changing the attitudes and behaviours of youth club members and the wider community in each of three thematic areas; business, agriculture and careers. I ran the monitoring and evaluation of the project and reported this to the UK Governments Department for International Development.

**Education:**

2019-2020. Post-Graduate Certificate in Education (PGCE) with Qualified Teacher Status. The University of Sussex.

* Distinction grade attained.

2015-2017. Master of the Arts (MA) degree in Anthropological Research Methods, The School of Oriental and African Studies (SOAS).

* Merit grade.
* I trained in quantitative and qualitative research methodologies including SPSS social research software.

2010 – 2014. Bachelor of Arts (BA) Degree in Sociology, The University of Leeds:

* High 2:1
* First class honours on my Dissertation.
* Trained in quantitative and qualitative research methodologies including SPSS social research software.

2005– 2010. Queens School, Bushey:

* A-levels: Sociology (A), Product Design (A), Religious Studies (B). AS-Level: General Studies (D).
* GCSEs: 2 A’s, 4 B’s, 3 C’s (including Science, Maths, Statistics and English).