

# MASON WARD

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**GitHub:** <https://github.com/Masonward99>  
**Website:** <https://masonward.netlify.app/>  
**Location:** Manchester – Open to relocation

## ABOUT ME

From the moment I wrote my first line of code, I knew I had found my passion. The thrill of solving complex problems and the excitement of learning new tools to tackle future challenges sparked a deep interest in me. This drive led me to take the next step and enrol in a coding bootcamp, solidifying my decision to pursue a career in software engineering. After completing this bootcamp I enrolled part-time at The Open University to deepen my knowledge.

## Technical Skills

**Languages:** JavaScript, Java, Python  
**Frontend:** Html, CSS, ReactJS  
**Backend:** ExpressJS, SQL, NodeJS  
**Testing:** Jest

## Experience

### Junior Developer | Northcoders

March 2023-June 2023

- Full stack JavaScript bootcamp, for people aiming to career change into tech
- Used test driven development and paired programming
- Worked together as part of a small team to create a [final project](#), an app that was designed to match hobbyist developers with passion projects. During this time, we tried a new tech stack including: React Native, Firebase Authentication and Cloud Firestore

## Projects

Portfolio (<https://masonward.netlify.app/>)

My personal website contains all my current projects. This site was created using React. During this project, I focused on making this website responsive by using media queries.

Board games review site (<https://nc-games-mw.netlify.app/>)

For this project, I created a RESTful API using ExpressJS. The backend for this project was created using test-driven development, Jest was used for this testing. For the front end of this project, I used React. Firebase Authentication was used to allow the user to log in or create an account.

### **Minesweeper** (<https://minesweeper-mw.netlify.app/>)

A recreation of the classic video game Minesweeper, I created this project using raw JavaScript and CSS. During this project, I utilised the DOM to create a grid and populate it randomly with mines.

### **Tetris** (<https://tetris-mw.netlify.app/>)

My recreation of the classic puzzle game Tetris features includes 9 difficulty levels and a scoring system. To create this, I used DOM manipulation with JavaScript.

## **Education**

### **Computing and IT | Open University**

2023-

- Currently studying modules including Object Oriented Java Programming and Data Structures and Algorithms.
- An average grade of distinction on first-year modules
- Studying towards a BSC in computing part-time.

### **Finance | University of Manchester**

2019 – 2023

- Studied towards an undergraduate degree in finance
- Completed modules on cryptocurrencies and analysis

### **A Levels | Holy Cross Sixth Form College**

2015 – 2018

- Mathematics – A
- Further Mathematics – B
- Physics - A