

# Zein Sharif

## Engineering Graduate

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## Professional Profile

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As a civil engineering graduate, I have developed a range of skills that are applicable to the tech industry. My strong analytical and problem-solving skills enable me to quickly identify and tackle complex issues. Additionally, my experience with data analysis and project management has equipped me with the ability to handle large amounts of data, and to effectively manage and prioritize tasks. Overall, my background in civil engineering has given me a solid foundation to succeed in the tech industry.

I've built on these by learning programming languages that include JavaScript, HTML, CSS and the React framework and am constantly looking to improve my skills through building projects in my spare time, which can be seen on my portfolio linked above which I also built myself.

## Key Skills & Tools

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- JavaScript
- React
- HTML
- CSS
- Object Orientated Programming
- GitHub
- Visual Studio Code
- Netlify
- Microsoft Office
- Problem Solving

## Education & Qualifications

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**Pivot2Tech** *Web Development bootcamp* (2.1)

**Dec 2022 - March 2023**

- Curriculum: Full stack Web Development

**London South Bank University** *Civil Engineering* (2.1)

**Sept 2019 - June 2022**

- Relevant Modules: Advanced Mathematics, BIM and Design, Structures and Construction Management, individual research project on AI in Structural Design

**Newham Collegiate Sixth Form** *A levels*

**Sept 2015 - July 2017**

- Maths – A; Chemistry – B; Physics – C

## Projects

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**Project: Meme Generator** (<https://meme-generator-zs.netlify.app/>)

- As a Civil Engineering graduate with a passion for tech, I took the initiative to develop a meme generator website using React, with the aid of an online course. Through this project, I honed my problem-solving skills, attention to detail, and ability to work independently. I also gained experience in web development and coding, which I believe will be valuable assets in a tech-related role. Overall, I am excited to continue developing my skills and pursuing my passion for developing.

**Project: Artificial Intelligence in Structural Design**

I researched the application of AI in structural design and create my own

- My willingness to learn was in display here as I had no prior knowledge in Python and had to teach myself the basics in order to produce an AI code to automate the design of a beam section. My problem-solving skills were also in display here in order to come up with the solution.
- I showed data visualisation skills by coding the results of the AI to be presented as a decision tree. The result of this gives a visual demonstration making it clear on how the Machine Learning operates.
- I showed good written communication skills as I had to write up what I found from my research and my own method of investigation in a long dissertation format.
- I had to apply my knowledge of designing elements in my studies to produce the design calculations.

## Experience

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**Web development immersive, (Student)****Dec 2022 - March 2023**

- Gained exposure to coding languages that include HTML, CSS and JavaScript.
- Applied this knowledge to build small projects to consolidate learning.
- Gained knowledge of object orientated programming concepts that include if statements, for loops, functions, arrays, and objects.

**Amazon, Delivery Driver****May 2021 - Present**

- As a delivery driver, I developed strong organizational and time-management skills while ensuring timely and accurate delivery of goods. I also gained experience in problem-solving, communication, and customer service, which can be valuable assets in a software development role where collaboration and client interaction are key. Additionally, I learned to navigate different routes and adapt to changing road conditions, demonstrating adaptability and quick thinking, qualities that can also be important in software development where problem-solving and adaptability are highly valued.

**Chelsea Football Club, Safety Steward****Aug 2017 - Jan 2022**

- Worked for Chelsea, I was constantly interacting with customers in my role as a safety steward and provided security, safety, and good customer service to sector of 13,000 visitors in a 40,000-size stadium.
- In this role I was approachable, so people often came to me with any concerns and questions they had, resulting in maintaining a calm and positive environment.
- I also showed good communication and teamwork with my colleagues as we had to crowd control so I occasionally took leadership by anticipating when any congestion or other issues would occur and act pre-emptively, by advising my colleagues on what positions to take. The result was 50% reduction of escalations.

## Interests

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**Interests:**

- Working on improving my coding knowledge through courses and videos such as Scrimba and freeCodeCamp.
- Reading
- Playing and watching football/basketball