Sean Natty

SOFTWARE DEVELOPER

Details

07507299104
mrnatt98@gmail.com

Links

LinkedIn - Sean Natty

Skills

JavaScript

React

Node JS

Python

SQL

Laravel

Java

Hobbies

Website Development
Boxing
Gaming
Bouldering
Guitar & Bass

Profile

A resourceful and creative Computer Science and Business (BSc 2:1) graduate with excellent analytical skills and a demonstrated commitment to providing great learning and developing; seeking a role in Software development

Education

Computer Science with Business, Aston , Birmingham

SEPTEMBER 2019 — JUNE 2022

Final Year Project

As a Final year project I developed a full stack maths tutoring website.
The aim was to build upon the basic principles of Bitesize, providing video explanations, interactive quizzes and tasks.

- Conducted in class research and student surveys to identify key useful aspects
- Followed industry UX/UI design standards
- Used Node JS, JavaScript, Express JS and Axios to build the back end
- Used JavaScript, React, CSS, to build the front end
- Built individual teacher and student portals to access varying insights
- Designed and built communication platform to facilitate messaging utilised by classes

Modules included: Managing engineering projects

- Formulate recommendation of appropriate project risk management process for an SME engineering enterprise
- Utilising Microsoft Projects, plan and build a project schedule (account for pricing, cost overrun risk, procurement and supply chain implications and resource allocation)
- Practical experience of project management, applying key risk management techniques to minimise cost and time overspent.

Java program construction

- Plan, program, run, review and alter an ecosystem simulation – work collaboratively to organise the ecosystem to reach equilibrium
- Thorough understanding of key Java principles inc:
    - Class inheritance
    - Polymorphism
    - Abstract classes and methods

Internet Applications and Techniques

- Laravel Blade templates
- Node JS
- Session & cookie authentication
- Web security
- Basic PHP for front end development
- Full understanding of the Model-View-Controller software design pattern
- XMLSchema
- Error exception handling and unit testing

Employment History

Volunteer Mentor, City Year, Birmingham

AUGUST 2020 — JULY 2021

Placement Year

Worked within a small team of mentors to forge strong bonds during the pandemic to help each other with our daily tasks.

Role consisted of:
- Mentoring students 1-1 on their academic, behavioural and emotional needs
- Provide classroom and break time support
- Enforcing COVID restrictions and safety measures for the students
- Participated in Leadership Development Days; engaged with company executives from around the world
-Provide feedback to students on working methods
-Worked closely with teachers to partner in building study plans for students
-Receiving and building on feedback on my own performance
-Completed my level 3 CMI Management and Leadership qualification

Labourer, Spyro-Gills Thermal Products, Stoke-on-Trent

APRIL 2019 — DECEMBER 2019

-Working as part of a team 5

-Transporting goods, utilising heavy machinery and ensuring heath and safety measures were followed.

-Using effective communication to be efficient in our processes.

Carer, Care Today, Stoke-on-Trent

MARCH 2018 — DECEMBER 2018

-Working in a challenging environment, caring for children in care company.

-Staying calm under pressure whilst under ever changing circumstances, using discretion and tact to best facilitate resolutions.

-Organising activities for the children and supporting in homework and studies.

-Teaching life skills like cooking, scheduling and organisation.

-Facilitating family visit arrangements, assisting social workers to ensure child safety measures were met.

Courses

Level 3, Leadership and Management, CMI

JANUARY 2021 — JUNE 2021

Extra-curricular activities

President of Aston Boxing Club, Birmingham

SEPTEMBER 2021 — JUNE 2022

I am currently the president of the Aston Boxing Club;

- Organising the travel of students to and from the boxing gym

-Negotiating with the Students Union and the boxing gym, to ensure to find mutually beneficial terms of agreements

-Advocating for the wants and needs of student members of the boxing club

References

References available upon request