HAALA SUDI

COMPUTER SCIENCE STUDENT

PROFILE

Goal-oriented Computer Scientist with strong commitment to collaboration and solutions-oriented problem-solving. Adept at using HTML5, JavaScript and other programming languages to produce clean code. Knowledge with object oriented programming such as Java, and proficient in MYSQL and Node.js. Well-organised and collaborative team player with strong communication and analytical abilities.

CONTACT

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‹ › http://haalasudi.github.io/

SKILLS

- JavaScript
- HTML5 CSS3
- Node.js
- MySQL
- NoSQL
- Java
- Object Oriented Programming
- Software Development
- Web Development
- Problem Resolution
- Teamwork
- Analysis Skills
- Leadership Experience
- Organizational Skills

EDUCATION

Goldsmiths University
OCT 2018 - JULY 2021
Year 2 Modules:

Principles and Applications of Programming:

- In this module we are currently learning; how to develop programs on Androids using Java, fundamentals of data structures and algorithms, computational complexity and run-time efficiency.

Data, Networks and the Web:

- In this module we are learning; relative database systems from a developmental perspective emphasising on issues related to data modelling and database implementation in SQL and No SQL.

Algorithms and Data Structures:

- In this module we are learning; how to choose appropriate data structures for representing problems and converting algorithms non-programmatically into efficient programs which solve the problem at hand.

Software Projects:

- In this module, we are creating a software project with a team of 6. For our project, we're creating an augmented reality game for runners. We are using Unity and coding in C++ for the AR feature and using Java to create our android app. We may implement some physical features like 3D model trophies/keyrings.

EXPERIENCE

Play Worker
Resources for Autism
FEB 2018 - CURRENT

- Led a club of 5 children and 6 staff members. My responsibilities were to plan activities for a full day, make sure that the children and staff were safe at all times, engage with the children and offer strategies to deal with any challenging behaviour.

- Worked in a program to help autistic children who had been expelled from their schools. I would be assigned an individual to tutor either mainstream topics, such as Maths and English or topics adjusted to suit their skills and needs.

- Currently, I work with children one-to-one in clubs. Duties include planning activities, understanding the child and their motivators, ensuring enjoyment and improving their quality of life.

Warehouse Operator
Amazon
JUL 2016 - AUG 2016

- Worked in the packing area where communication and fast hands were needed.

- Quickly and effectively replaced damaged or missing products.

- Productivity was always above 90% which means I could work 10 hrs a day at high speed and still provide quality work.

EDUCATION...

Year 1 Modules:
Introduction to programming:

- Subjects include; simple statements, variable and conditionals, for and while loops, arrays, functions and objects. We learnt the basics of object orientation and clean code as well as debugging.
- More on this can be found in my portfolio.

Web development:

- In this module, we learnt basic concepts essential in the implementation and design of client-side web-based applications. This covered an introduction to the web and web projects using HTML5, CSS3 and Javascript.

Problem Solving for Computer Science:

- In this module, we learnt how to tackle new problems using a general and abstract approach to their algorithmic solution.

Fundamentals of Computer Science:

- In this module, we learnt how to interact with computer systems. We gained knowledge of computational processes and used it to analyse and explain the behaviour of computer systems.

Mathematical Modelling for Problem Solving:

- In this module, we learnt fundamental numerical and logical tools that supported us in the computational and algorithmic inquiry which helped to enable effective computation experimentation and reasoning.

INTERESTS

Artificial intelligence - I like to keep updated on new A.I technologies because the subject is fascinating.

Travelling - My goal is travel through every continent

Art - I love painting whenever I am free, it provides me with a challenge and boosts my creativity

Cooking - I enjoy simply following the instructions and producing a satisfying result