# Haala Sudi

# Computer Science Student

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.

## Education

## 2018-10 -Current

## **Bachelor of Science: Computer Science**

Goldsmiths University - Lewisham

#### 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.
- We are also learning OO design and implementation, advanced software techniques, general features of programming languages, libraries and specific language features.

#### 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

## Contact

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## Skills

HTML5/CSS3



Software development



MYSQL



Node.is



Java



Javascript



Java to create our android app. We may implement some physical features like 3D model trophies/key rings.

### Year 1 Modules:

Introduction to programming
Web development
Problem Solving for Computer Science
Fundamentals of Computer Science
Mathematical Modelling for Problem Solving

# 2017-09 - A Levels: History, Art, EPQ, Applied Science 2018-07 Level 3

William Morris Sixth Form - Hammersmith

Provided an A\* essay about artificial intelligence

# Work history

2017-08

# 2018-02 - Play Worker Current

Resources For Autism, London, United Kingdom

- 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 who 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

# 2017-07 - Warehouse Operator

Amazon, Buckinghamshire, United Kingdom

- Worked in the packing area where communication and fast hands were needed
- Managed timely and effective replacement of 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