

Curriculum Vitae

Joshua Nylander - Quartey

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PERSONAL STATEMENT

I am a recent Computer Science graduate who is passionate about Software Development. I have been fascinated by the inner workings of computers and the software they use since I was very young, and I have allowed that passion to direct my academic, recreational, and current professional endeavours. My ultimate objective is to master several programming languages and create solutions for a wide range of fields, particularly Artificial Intelligence, and I am currently seeking a position that directs me toward this. Though I am already proficient in debugging and troubleshooting with C++, Python, and MySQL, I would like to obtain meaningful work experience designing back-end solutions to hone in this skill.

PROFESSIONAL COMPETENCIES

- Knowledge of a multitude of high-level languages (C++, Java, Python, HTTP&JavaScript, PHP)
- Skilled at debugging and troubleshooting
- Able to utilise both Linux and Windows for development targets
- Knowledge of Database management systems (MySQL)
- Good Timekeeping and organisational skills
- Good Team player and can work well independently

PERSONAL COMPETENCIES

- Great interpersonal skills
- Proficient in video editing and electronic music production
- Good attention to detail
- Good listening skills
- Approachable
- Focused attitude
- Setting up and hosting online video game servers
- Hosting and organising creative writing AI events

AREAS OF EXPERTISE

- Software Development
 - Back-end Development
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WORK EXPERIENCE

LIBRARY ASSISTANT

Roxeth Library
DUTIES

Employment dates: March – April 2015

- Relaying with the bespoke database software for loans, returns, and other bookkeeping activities
- Providing direct customer service to all visitors
- Supporting the maintenance of library materials books across all areas
- Processing new book orders

ACADEMIC QUALIFICATIONS

UNIVERSITY OF ESSEX

Bsc Computer Science

First Class

2019-2022

BISHOP RAMSEY C OF E SCHOOL

11 GCSEs

A* - C

2012-2019

A Level Computer Science

B

A Level English Literature

C

A Level Psychology

C

NOTABLE DEGREE MODULES

- **YEAR ONE (82)** [PLACED ON DEAN'S LIST FOR EXCELLENCE]
 - *Mathematics for Computing* - **64**
 - *Introduction to Programming* - **90**
 - *Object-Oriented Programming* - **89**
 - *Introduction to Databases* - **79**
 - *Web Development* - **79**
 - *Network Fundamentals* - **82**
 - *Fundamentals of Digital Systems* - **83**
- **YEAR TWO (74)** [PLACED ON DEAN'S LIST FOR EXCELLENCE]
 - *Software Engineering* - **79**
 - *Application Programming* - **78**
 - *Data Structure and Algorithms* - **70**
 - *C++ Programming* - **92**
 - *Operating Systems* - **81**
- **YEAR THREE (75)**
 - *Advanced Programming* - **89**
 - *Information Retrieval* - **76**
 - *Natural Language Engineering* - **69**
 - *Computer Vision* - **71**

HOBBIES

- Electronic music production
 - Image editing and manipulation
 - Creative writing
 - Video editing
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REFERENCES

Available upon request