Chinyelu Lyon

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chinyelu.herokuapp.com - <https://bitbucket.org/Chinyelu/> - <https://github.com/chinyelu>

**Personal Statement**

I am a recent Computer Science graduate with a 2:1 with honours from Newcastle University and I have a background in art, music and sciences. I have 9 months of professional experience working as a full stack developer at the workflow management software company, Collabit Software.

**Skills**

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| **Professional Skills** | **Examples** |
| **Frontend Development** | Used a mixture of HTML, CSS, Javascript and JQuery to maintain and create different widgets and pages, within the company's site |
| **Backend Development** | Frequent use of MySQL and phpMyAdmin to perform complex queries for a large relational database |
|  | Implemented a number of complex php and XSLT scripts used for creating forms and various API integration |
| **Linux OS** | Performed Linux operations on a daily basis to compile server side scripts and debugging |
| **API Integration** | integrated Xero, Google Places and South Eastern Labs APIs with the system |
| **Client Communication** | I had clients which I dealt with personally on a regular basis. these meetings would comprise of emails and phone calls that surrounded the South Eastern Lab API integration with the software |

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| **University Skills** | **Examples** |
| **Virtual Reality Development (C# / Unity)** | For my dissertation I created a virtual reality environment that was aimed at encouraging people to be more active, this ran on the unity engine and was developed in C# and used the Oculus libraries. It was intended to run on the Oculus Go, but can run on many Android devices |
| **Mobile Development** | Developed a mobile app in Android Studio, that suggests random films to the user, and learns from their preferences which films they might like. This consumed the TMDB API |
| **Java Development** | Implemented a simple browser with the use of Java Swing library, A hotel management system and many other small applications |
| **Game Development** | Created a chess game in which the pieces can move in 3 dimensions, this was written in C++ to gain an Introductory knowledge in collision detection for 2D objects |
| **HCI Design Principles** | I have used my knowledge of HCI (human computer interaction) principles to create tangible prototypes for a virtual marble maze, and a mobile sports app |
| **Team Management** | I have been the project manager for a team of 10, where we were able to create a mobile app for a local council in Newcastle |

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| **Additional Personal Skills** | **Examples** |
| **GIT/Bitbucket** | I have had a bitbucket and github account for a number of years and I use it to version control a few of my projects |
| **Node.js / Express.js / Pug** | In the last few months I have been learning how to create web applications using Node, Express and Pug. My aim for this is to learn about asynchronous programming, and make a platform to show future projects  **Site: chinyelu.herokuapp.com** |
| **Artistic** | I have been creating art with Photoshop for years, made small animations on toonBoom. I paint, draw and work with clay on occasion  **DeviantArt:** <https://www.deviantart.com/chinyelu/gallery> |

**Employment**

**Company: Collabit Software | London | September 2019 - July 2020**

**Job Role: Full Stack Software Engineer** *(Permanent)*

* Applied clean code practices and design patterns to develop readable, maintainable and scalable frontend code for Collabit’s web application.
  + This included the use of JavaScript, JQuery, HTML, CSS
* Server-Side development
  + PHP, SQL, XSLT
* API integration
  + Xero, Google Places

**Education**

**2016 – 2019 Newcastle University**

* Computer Science 2:1 (BSc Hons)

**2008 – 2016 Trinity School Croydon**

* A levels in Maths, Electronics and Computing
* 10 GCSE’s, from A\*- B

**Work Experience**

**Summer 2015 – The International Centre for Business & Technology BP**

* Received Silver Crest award
* In a small team, we were given a new piece of data visualisation software to analyse
* We had to present our findings to some of BP’s top IT & services managers and persuade or dissuade them to roll in the new software.
* Experienced how to work effectively in a short timeframe
* Learned how to delegate tasks for members in a team
* Effective at persuasive speaking and presenting

**Summer 2014 – Deutsche bank**

* Shadowed a Risk & Control Assessment manager
* Spent time in formal meetings, taking minutes

**Spring 2014 – Salesforce**

* Took part in a team project in which we had to find ways of marketing Salesforce’s CRM software to a wide variety of demographics
* Oversaw a small group centred on getting charities interested in their software
* Received a certificate from Entrepreneurs in Action