

## Czar Ian Curtiz Echavez

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## EDUCATION

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2015 – 2018:

University of Reading

**BSc Computer Science (2:1)**

Key modules involved (full module list on website):

Programming	Systems Design	Information Security
Software Engineering	Essential Algorithms	Advanced Computing

Final Year project (**dissertation**) is the **development of an epidemic simulator** system which simulates the spread of a disease around different countries. The system also includes a **scenario creator** which allows users to create more scenarios the simulations can be run on. **Achieved 70%** (available at: [https://github.com/Czar-Ec/ZEUS/tree/master/ZEUS\\_VS](https://github.com/Czar-Ec/ZEUS/tree/master/ZEUS_VS) )

2012 – 2015:

St. Wilfrid's School, Crawley

A Levels:

- AS: Computing (**C**), Mathematics (**D**) 2007 – 2012:
- A2: IT (**A**), Physics (**C**), Chemistry (**C**)

St. Wilfrid's School, Crawley

GCSE's – 12 GCSE's ranging A - C including:

- Mathematics (**A**), Triple Science (**A**), ICT (**Distinction**), English (**C**)

Central Sussex College, Crawley

- Engineering BTEC Level 2 (**Merit**)

## WORK EXPERIENCE

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October 2017 – current

**Student demonstrator at University of Reading**

- Assisting lecturers with marking and **helping students achieve the objectives** for the Programming module's practical.
- Helping students **solve problems** with both their programming and any problems encountered with the setup of their computers and the IDE they are using (Visual Studio)

August 2012 – September 2015 and July 2016 – September 2016

Team member at KFC Horsham

- Taking customer orders needs **good customer facing skills** and **attention to detail**
- Working **as part of a team** to ensure efficiency and excellent customer service
- Requires being in **multiple roles within the team** i.e. on the till, making burgers or restocking products

## SKILLS

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### Technical:

- Experienced with **C, C++, Java, and HTML & CSS**
- Some experience with **C#, Python, JavaScript, PHP and SQL**
- A2 IT Project: **Database development**
  - Created a database as a project for A Level IT
  - Was chosen as **one of two students** to do the project **for a representative of Bio-Rad**
  - The **client gave requirements specifications**, containing all the functions needed by the database i.e. selecting which data to store/retrieve, how to get and show the data and password protecting the database so only certain personnel can edit data

### Communication:

- During the database development I ensured that there was **constant communication** with the client to notify them about any progress or possible changes to the requirements specification
- Working in KFC required being capable of **comprehending the customer's order**
- Being a team member in KFC needed **good communication between team members** to be able to work efficiently

### Teamwork:

- Can work as a part of a small or a large team and can **easily integrate** myself into a group
- Developed good **team work skills** in my role at KFC
- Good team player in various university projects, such as Software Engineering which **achieved over 70%**

### Other skills:

- **Bilingual**; can speak both **English and Tagalog**

## HOBBIES AND INTERESTS

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### University Societies:

#### Aikido

Member of the Aikido Society of the University of Reading during September 2016 – June 2017

#### Archery

Was a member of the Archery Society of the University of Reading during September 2015 – June 2016. Averaging at 320-350 in a Portsmouth round.

### Extracurricular activities:

#### Cyber Security Challenge UK

During July 2017, I took part in CSC UK's capture the flag event in which my team finished in 2<sup>nd</sup> place.

#### Game modification

In my spare time, I look at some game files and make modifications (usually text editing, sometimes tool assisted i.e. cheat engine) to observe how the changes affect the game behaviour. I usually do this to see how the game progression changes or how the changes affect the game mechanics.

## REFERENCES (available on request)

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Simon Sherratt [Tutor]

School of Systems Engineering

University of Reading

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