Norbert Logiewa

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<https://github.com/nl253>

**Home**

8 Conway Close, Colwyn Bay, North Wales

**Uni**

7 Forty Acres Rd, Canterbury

# EDUCATION

## University of Kent, *BSc Computer Science and Artificial Intelligence*

### OCT 2016 - JUNE 2020 (Distinction for 1st Year)

* Object Oriented Programming (Java), Testing (JUnit)
* Software Engineering (stages, approaches, design patterns, testing, documentation, UML)
* Computer systems (operating systems, networking, hardware)
* Algorithms and Data Structures (big O notation, time complexity of algorithms)
* Theory of Computation (finite state machines, natural deduction, regular expressions)
* Human Computer Interaction (group projects, user experience, usability)
* Web Development (HTML, CSS, JavaScript, PHP, MVC framework CodeIgniter, SQL)

## Ysgol Eirias, Colwyn Bay, North Wales — *A-Levels*

### SEPT 2014 - JUNE 2016

* Psychology (Cognitive, Abnormal, Scientific Methodology) - **A\***
* Sociology (Family, Health, Criminology, Equality, Scientific Methodology) - **A**
* Health and Social Care (double) – **D\*D\***

# EMPLOYMENT

## Subway, Llandudno, North Wales— *Sandwich Artist*

### EARLY 2014 – LATE 2014

* Working within a team
* Dealing with customers

# TECHNICAL SKILLS

**Programming Languages**

**Java**

* Knowledge of the standard library (Java 8)
  + - Understanding how data structures such as HashMaps, ArrayLists or HashSets etc scale
    - **Stream API** and Functional Programming with lambda expressions, Optionals
* Knowledge of the Java ecosystem and tools
  + - Generating documentation **Javadoc**, packaging project into a jar file etc.
    - Building the project with **Maven**
    - IDE Intellij Idea

**Python**

* Communicating with databases using **SQLAlchemy**
* Solid knowledge of **the** **standard library** (itertools, os, os.path, pathlib, glob, fnmatch, typing …)
* Writing simple **command line interfaces** using libraries such as prompt\_toolkit (readline-like), argparse, docopt
* Tabular Data manipulation using **Pandas**
* Documentationusing **Sphinx** and **RestructuredText**

**Bash**

* Utility scripts (automation, project build scripts, **cron** job scripts)

**Operating Systems**

Understanding of core concepts such as fork, thread, child-process, memory management, scheduling etc.

**UNIX**

* Solid knowledge of **GNU Coreutils**
* **Bash** (also scripting)
* Experience using tools such as **curl**, **wget**, **ssh, sftp, ftp** etc

**Databases**

Theory of relational databases,SQL queries, tables with constraints.

# PERSONAL PROJECTS

* PythonBlog (https://github.com/nl253/FlaskyBlog)
* Python SQLite REPL (https://github.com/nl253/SQLiteREPL)

# PERSONAL INTERESTS

* Fitness
* Computer Science (Programming Languages, Operating Systems)
* Keeping up to date with open source projects on GitHub

**REFERENCES**

**Tutor**

Olaf Chitil

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**Employer**

Elizabeth Gilmore-Jones

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