Norbert Logiewa

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Term-time address: 7 Forty Acres Rd, Canterbury, England

EDUCATION

University of Kent, Canterbury - *BSc Computer Science and Artificial Intelligence*

OCT 2016 - JUNE 2020

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

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

SEPT 2014 - JUNE 2016

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

EMPLOYMENT

Subway, Llandudno, North Wales - *Sandwich Artist*

SEPT 2014 - JUNE 2014

Working within a team, customer service.

TECHNICAL SKILLS

Scripting Languages

Python

- Tabular data manipulation using Pandas**,** visualization using Seaborn
- Using SQLAlchemy (ORM) to communicate with databases
- Working with templating language Jinja
- Writing build and utility scripts
- Creating command line interfaces using argparse, prompt_toolkit and docopt

Bash

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

Programming Languages

Java

Knowledge of core Java and the standard library

- Functional Programming with lambda expressions, Stream API, Optionals
- Understanding Object Oriented design, inheritance, Classes, Interfaces, Generics
- Data structures, knowing when to use which
- Knowledge of the Java ecosystem and tools such as Maven, Javadoc, IDE Intellij Idea etc.

Operating Systems

Understanding of core concepts such as memory management, CPU time, threading, multiprocessing, scheduling, subprocess etc.

GNU/Linux

- Solid knowledge of GNU Coreutils
- Bash
- Vim
- Experience using UNIX command line tools such as curl, ssh, rsync etc.

Databases

- Communicating with databases using Python (SQLAlchemy ORM)
- SQL

Additional Skills

- Git (Version Control System)

PERSONAL

- Python Blog (https://github.com/nl253/FlaskyBlog)
- Python SQLite REPL (https://github.com/nl253/SQLiteREPL)

PERSONAL INTERESTS

- Fitness
- Computer Science (programming languages and operating systems in particular)
- 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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