

EDUCATION

MSc Applied Clinical Psychology **University of Bath** **09/2018 – 10/2019**

I graduated with **MSc degree with merit**.

Dissertation Project: The effect of anxiety on optimistic bias in belief updating about future life events

BSc Psychology **University of Hull** **09/2015 – 10/2019**

I graduated with **First-Class Honours degree**.

Final Year Research Project: Racial Attitudes of Preschool and Primary School Children in Slovakia

EMPLOYMENT HISTORY

Software Developer **Computershare, Bristol** **11/2020 - present**

- got up to speed with Perl - company's core programming language
- **worked with a multidisciplinary team and external stakeholders**
- set up an **end to end processing of large data sets** in XML/CSV format
- **developed multiple text processing modules** and integrated them into existing frameworks
- supported upgrades of existing products, **carried out testing, and wrote documentation**
- **used XML to update the UI** of internal software
- **used SQL to query and manipulate databases**

Web Developer **Bookshop, Diera do Sveta** **05/2020**

- worked in a team to build an e-shop for a non-profit organisation using **WordPress**
- **developed multiple Python scripts** to process client's data
- **transformed raw data into a uniform data set**, performed computations and validations

Can be viewed at: <https://knihy.dieradosveta.sk>

Stock Controller **Tesco, Bristol** **11/2019 – 08/2020**

- monitored stock levels, helped with projecting stock demands
- incorporated new products and kept track of our product orders

Various Part-Time Roles During My Studies

TECHNOLOGY RELATED CERTIFICATIONS

Web-Development Courses

The Complete Node.js Developer Course (3rd Edition) **Udemy**

Using Node, Express, MongoDB, Jest, APIs, REST API or web tokens to build applications

Front End Libraries Certification (300h) **freeCodeCamp**

Focus on JavaScript libraries - **Bootstrap, jQuery, Sass, React, Redux**

JavaScript Algorithms and Data Structures Certification (300h) **freeCodeCamp**

JavaScript and ES6 functionalities, Regex, object-oriented programming

Responsive Web Design Certification (300h) **freeCodeCamp**

HTML5, CSS, web accessibility, responsive design principles, flexbox and grid functionalities

Python Courses

Python 3 Programming Specialization (54h)

Coursera - University of Michigan

Series of 5 Python courses, out of which I completed: **Data Collection and Processing with Python, Python Classes and Inheritance and Python Project: Pillow, Tesseract, and OpenCV**

Request module in Python, **fetching data** using APIs, caching data, using of API documentations, inheritance, code reusability, use of Python for **face, text or character recognition** and picture manipulation

Using Python For Research (48h)

edX - Harvard University

Object manipulations - lists, dictionaries, tuples, Numpy, Matplotlib and Pyplot libraries and the random module in Python.

Introduction to Python (40h)

edX - Microsoft

Basic concepts in Python, data types, variables, **reusable functions** with parameters, **loops and conditional statements**. Handling user input and manipulating data. **data structures**, string and list methods, reading and **manipulating files**.

PORTFOLIO

Projects using JavaScript, React, CSS & HTML

Pomodoro Clock: Timer allows user to determine the length of sessions and breaks. Using Date object, it counts down the time to zero, after which it triggers alarm sound. It automatically changes between sessions. It can be paused or reset to default times.

Can be viewed at: <https://petra-vozarova.github.io/pomodoro-app>

Calculator: Web application that accepts input from user. It accepts valid numbers, limits the length of the number entered, if multiple math symbols are entered it cleans the input and reuses returned value for next mathematical operation if it is not reset to default by user.

Can be viewed at: <https://petra-vozarova.github.io/calculator>

Projects using JavaScript, Python, CSS & HTML

Word-Counter: Combination of Python back-end and JavaScript front-end. This application accepts textual input and forwards it to a remote Flask server for analysis. The final JSON object with various statistics of the requested text is fetched back and rendered to the user.

Can be viewed at: <https://petra-vozarova.github.io/count-words>

Projects using Node.js, Express, CSS & HTML

Weather Forecast Application: Using promise chaining this application interacts with APIs to retrieve geographic coordinates of locations requested by the user and to subsequently fetch weather information.

Can be viewed at: <https://vozarova-weather-forecast-app.herokuapp.com/>

Source codes to these as well as other projects of mine can be viewed at: <https://github.com/petra-vozarova>

TECHNOLOGIES

Perl, Python, JavaScript, CSS, HTML, jQuery, React, Bootstrap, Node.js, Express, Object-Oriented Programming, Pandas, Numpy, Scikit-learn, Matplotlib, Pillow, Tesseract, OpenCV, SQL