

# Piotr Wojciechowski

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## SUMMARY

Developed numerous programs in multiple languages and have gained valuable experience in website building both front-end and back-end. I am a team-player and aim to achieve the most optimal solution to any problems that arise. In general, I am a hardworking individual that always rises to the challenge, even if it is something I have not experienced yet. I am looking for an entry-level position at your company with a possible view of progressing within the organisation and utilizing the opportunity to enhance my skills and experience. I believe I have the relevant employment experience and strong interpersonal skills that make me a best fit for the job.

## IT SKILLS

- Confident developer in Java, Python and intermediate in C++.
- Capable of designing developing websites using Django, NodeJS, JavaScript, CSS and HTML5.
- Can analyse data using tools like Excel and Python.
- Can analyse and design systems using UML.
- Intermediate experience using MongoDB and other NoSQL technologies.
- Can write SQL queries to intermediate level using Oracle 11G and administer an 11G database server using Enterprise Manager.
- Configure a router using the Cisco IOS command set.
- Design build and troubleshoot a network using routers and switches using related tools.
- Competent user of Windows and Linux Operating Systems in system administration.
- Have moderate knowledge about the importance of information and software security and how to prevent attacks like SQL injection and buffer overflow.
- Can encrypt and decrypt messages using symmetric and asymmetric keys.
- Have used cloud environments like Google Cloud Console and AWS.
- Proficient in DevOps and Azure

## EDUCATION & QUALIFICATIONS

### 2018 – to-date **BSc in Computing with Software Development**

Technology University Dublin, Tallaght Campus, Dublin 24

#### **3<sup>rd</sup> Year Modules:**

Data Structures & Algorithms(**A**); Cloud Services & Distributed Computing(**B**); Big Data Technologies(**B**); Operating Systems(**B-**); Server-side Web Development(**B**); Data Analysis(**B**).

#### **2<sup>nd</sup> Year Modules studied: GPA (3.42)**

Software Quality Assurance and Testing (**B+**); Network Fundamentals (**B**); Advanced Databases Technologies (**C+**); Discrete Math's 2 (**A**); Client-Side Web Development (**B+**); Software Development 3 (**B+**); Routing and Switching Essentials (**A**); Management Science (**B**); Software Development 4 (**B**); Information Security (**B+**); Database Administration and Analysis (**B+**); Year 2 Project (**A**).

#### **1<sup>st</sup> Year Modules studied: GPA (3.33)**

Database Fundamentals (**B+**); Computer Architecture (**B**); Business & Information Systems (**A**); Systems Analysis (**A**); Software Development 1 (**B**); Communications (**C**); Operating Systems Fundamentals (**B+**); Discrete Mathematics (**A**); Visual Design (**B+**); Software Development 2 (**B+**); Statistics (**B+**)

## **Significant Projects Undertaken**

### **Social Media Website**

#### **Description**

A group project involving the development of a social media website, where users could post updates about themselves in the form of text, image, or video. Features included making friends with other users to see their posts, private messaging, notifications about different events like friend requests, searching for users, creating group chats with multiple users and a mini shop where users could buy merchandise.

#### **Challenges faced:**

- Deciding on how to build such a website without any prior experience in social media development.
- Creating a messaging system that couldn't be accessed by a user without the required permission
- Communicating regularly and staying motivated during COVID-19. We had to resort to online voice calls and tell ourselves that we can't slow down now after developing so much.

#### **Technologies & Tools Used:**

Django, Python, JavaScript, CSS, and HTTP

## **WORK EXPERIENCE**

December 2018 – December 2020

Part-time Barman

Penny Black Tavern

**Company Description:** Penny Black Tavern is a pub at Castletymon Road, Tymon North, Dublin

#### **Main Responsibilities**

My responsibilities included serving drinks, food. I was also in charge of teaching new floor staff, so I had to teach them daily operations of the business. My other responsibilities included ensuring supplies were kept in stock, keeping the establishment clean and hygienic and upon completing the day locking up.

## **INTERESTS & ACHIEVEMENTS**

#### **Education**

- Receiver of multiple ambassador diplomas for outstanding work in Polish school.

#### **Professional**

- Student / Affiliate Member of the Irish Computer Society

#### **Posts of responsibility**

- Esports Officer for the Nerd Society in the college for 6 months. Involved in organising events, fundraising and promoting.
- Volunteer member for World Youth Day 2016 in Krakow, I was responsible for helping my group and other Irish groups attending the event.
- Reader for St Aengus Parish for over 3 years.

## **REFERENCES**

Available on request