

## Aaron O Cuileann

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### SUMMARY

A driven student seeking an internship in software development and software testing. I am looking to gain valuable and helpful knowledge from the industry as I try my best to be an addition to your company. A student that thrives to gain more knowledge during his studies, a problem-solving mindset, and has developed important skills from previous work experience such as teamwork, leadership, communication, and interpersonal skills.

### IT SKILLS

- Confident developer in Python.
- Can write SQL queries to intermediate level using Oracle 11G.
- Can design and create database schemas.
- Capable of designing developing websites using Django, JavaScript, CSS and HTML5.
- Competent user of Windows and Linux Operating Systems.
- Design, build and troubleshoot a network using routers and hubs using related tools.
- Administer an Oracle 11G database server using Enterprise Manager and related SQL commands.
- Can write scripts in PowerShell and Python.
- Have used cloud environments like Google Cloud during my course.

### EDUCATION & QUALIFICATIONS

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

Institute of Technology Tallaght, Dublin 24

**3<sup>rd</sup> Year Modules studied (results expected in February):** Big Data Technologies, Cloud Services & Distributed Computing, Data Analysis, Data Structures and Algorithms, Innovation and Enterprise, Operating Systems, Server-Side Web Development.

**2<sup>nd</sup> Year Modules studied,** Software Development 3 (**B+**); Software Qual Assurance & Testing (**A**); Network Fundamentals (**B-**); Advanced Database Technologies (**B**); Discrete Mathematics 2 (**A**); Client Side Web Development (**B**); Data Administration and Analysis (**B**); Management Science (**A**); Information Security (**C+**); Routing & Switching Essentials (**A**); Software Development 4 (**B**); Year 2 Project (**A**);

**2<sup>nd</sup> Year GPA: 3.4**

**1<sup>st</sup> Year Modules studied,** Database Fundamentals (**B**); Computer Architecture (**B**); Business & Information Systems (**B**); Systems Analysis (**B**); Software Development (**B+**); Social Media Communications (**B+**); Operating Systems Fundamentals(**C+**); Discrete Mathematics (**B-**); Visual Design (**B-**); Software Development 2 (**B**); Statistics (**B**); Critical Skills Development (**B**)

**1<sup>st</sup> Year GPA: 3.0**

### Significant Projects Undertaken

#### **Second Year Project – Social Media / E-Commerce Website**

**Azure Devops Repository:** <https://dev.azure.com/X00152561/Loop-2nd%20Yr-Project>

#### **Description**

As a group of three, we built a social media / e-commerce website using Django web framework. Users were able to post for other friends to view, purchase items from the website, make group chats with other friends and admins could alter products in the online store. We had a 12-week period to work on the project.

#### **Challenges faced:**

- Adding permission to posts so other users could not delete your posts, only the user that posted and admins if necessary.

- Finding a solution to allow admins to add products to the store, as well as deleting products from the store without the use of the admin interface.

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

Python, Django, JavaScript, HTML5, CSS, BOOTSTRAP4

#### **Shaving E-Commerce Website**

##### **Description**

An e-commerce website built in Django web framework in our Software Development 3 module. Users were able to sign-in to their account and make purchases of shaving products on the website. Users could choose between multiple payment methods when purchasing a product.

##### **Challenges faced:**

- Finding a solution for a video to be played on the website.

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

Python, Django, JavaScript, HTML5, CSS, BOOTSTRAP4

#### **WORK EXPERIENCE**

June 2018 – Present                      Cleaner                      Momentum Support

**Company Description:** Momentum Support is a cleaning company for clients.

[momentumsupport.eu/](http://momentumsupport.eu/)

#### **Main Responsibilities**

##### Dealing with customers

Dealt directly with the customers, I get plenty of requests from customers looking for certain areas in the shopping center and there is a large responsibility when we find lost items and making sure we take the correct protocol in taking them to security. Due to Covid-19, we must take extra precautions when dealing with customers and must everything possible to make sure they are safe, as well as ourselves.

##### Closing Shifts

Over the weekends I am tasked with doing the closing shift, which puts a lot of responsibility and trust into me as I make sure everything is clean and prepared for the following day to come. All machines must be cleaned properly as we work around food and there have been no problems so far while I have been working there part-time. There is a higher level of responsibility involved with the closing shift due to Covid-19 as everything must be cleaned and disinfected correctly.

#### **INTERESTS & ACHIEVEMENTS**

##### **Working Out**

- One of my favourite hobbies is going to the gym and working out. This gets me motivated in the morning to get up and work on myself as much as possible physically and mentally every day, allowing me to focus on the tasks on hand for the day.

##### **Secondary School**

- Received Student of the Year in my 3<sup>rd</sup> year of secondary school, as well as being nominated for student of the year in 6<sup>th</sup> year.

#### **REFERENCES**

Available on request