

Alexandru Todea

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Personal Statement

A passionate and capable Computer Science undergraduate dedicated in gaining knowledge in technology, specifically computers. A hardworking student always willing to learn new things to assist the development of my career within Software Development. Well organised, with a logical mind with the ability to meet crucial deadlines. Can work independently and within a team having a flexible and motivated approach and constantly looking to improve and get better at what his doing.

Technical skills

- Capable of developing Android Applications using Android Studio (Java)
- Database development and design.
- Ability to work and create projects with C#, Python (object-oriented programming), HTML and CSS programming
- Ability to work with Dart and Flutter Framework for mobile application development
- Ability to work with distributed version control software (Git)
- Ability to set up WIFI routers, and design network architectures using Packet Tracer
- Capable of fixing devices that have Windows and Android operating systems
- Capable to create and edit projects in Adobe Photoshop, Premiere Pro and Lightroom
- (**Personal Portfolio:** https://1drv.ms/u/s!AtyRcdcpF7w_mgN_pH3PnC6jj6u1?e=jUcZtk)

Education

University of Sunderland (Computer Science) 14 September 2019 – present (**Year of Graduation: Aprox. June 2022**)

Web Development, Intermediate Software Development (C#), Database Systems Development, Microsoft Office Specialist (Word), Artificial Intelligence, Android Mobile Development, Advanced Cyber Security, UX Design

UTC South Durham September 2017 – June 2019

BTEC IT Extended Certificate, A-Level Mathematics, Foundation Engineering, GCSE English

Economical College “Transylvania” September 2015 - November 2017

IT, Economics, Accountancy, Commerce graduating in first place with the final average mark of 9.60/10.

Experience and Achievements

Cyber Education Training Web App for Students (Final Year Project)

- Self-taught how to develop web applications using Flutter
- Worked with cloud databases for data storage.
- Used hosting services to deploy my app to the web

Game Development Project

- Self-taught how to use Unity, mainly programming in Unity 2D

- Creating a game from scratch
- Self-taught how to use Godot engine for 2D games
- Created a game on my own using Godot

Mobile App Project with Durham Constabulary

- Group leader
- Managed a group of eight people assigning tasks for everyone
- Made sure everyone was meeting the deadline
- Self-taught how to use Flutter Framework along with its programming language Dart

Personal Development

- Online Unity Course
- Online Python Course

Part-Time Amazon Fulfilment Associate – November 2020 – present

- Currently working as a warehouse operative

Responsibilities:

- Work with Amazon's software to set up conveyor lines and robots
- Making sure that the customers are getting their products in time
- As a leader, I need to make sure that I split the work to other employees
- Ensure that the trucks leave on time

Industry Projects January – March 2018

Key responsibilities

- Lead a team of six students
- Distribute work evenly and to individuals' strengths
- Represent the team presenting ideas and concepts in a professional manner to our Industry Partners, Cummins

Skills

- Increased confidence
- Improved communication skills
- Organisation skills
- Professional approach
- Work in stressful situations
- Meet deadlines
- Solve any problems throughout the project

Outcomes

- Excellent feedback from Industry
- Invited to join Cummins on Work Experience
- Created business relationships within management

Work Experience – Cummins – July 2018

Key responsibilities

- Using different software to create torque curves for customers
- Professional approach
- Testing the company's software for calibrating the engine

- Rigging different engines with sensors

Skills learned

- Developed essential skills in IT for my future career in this domain
- Various different parts of a diesel engine and how they worked
- Effectively communicate with the employees in a professional way
- Ability to understand and use Cummins software
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Interests & Achievements

- Gold Award Duke of Edinburgh
- Industrial Cadet Gold Award
- 1st Place in Mobile App Project with Durham Constabulary out of five teams

Keen to develop Software Engineering skills leading to learning more programming languages and being able to design and make complex projects, develop professional and good-looking mobile applications, create and design websites and make games with Unity or Godot.

References

Elizabeth A. Gandy
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