

Jonathan Noble

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Determined and analytical **Computer Science International Graduate** keen to contribute in a tech-related industry especially on fields such as Advanced Databases, Machine Learning, Web Application Development, Business Intelligence and Cyber Security. Experienced in producing full-stack applications and well-constructed products with no issue in adapting to new technologies on demand.

EDUCATION

09/2015 - 05/2019	Dublin Institute of Technology (Technological University Dublin) B.Sc. in Computer Science International
09/2017 - 07/2018	Darmstadt University of Applied Sciences (European Double Degree in Computer Science) B.Sc. in Computer Science

KEY PROJECTS

09/2018 – 04/2019	Bachelor's Final Year Project: <i>"SpotiFace: Mood-Based Music Player using Facial Expression Recognition"</i> A music-service web application that recommends a playlist corresponding to the user's captured facial expression. Project duties: <ul style="list-style-type: none">Production of the Machine Learning model through Keras and TensorflowWeb Application developed in ReactJS and NodeJS with RESTFUL API i.e. Spotify Web API implementedIntegration of the web application with the ML model for mood prediction using FlaskExercised CRISP-DM and Agile methodology during projects
09/2017 – 02/2018	Work experience at Lufthansa during the Erasmus: A responsive Massive Online Open Course(MOOC) platform. Project duties: <ul style="list-style-type: none">Responsible for the layout, visual appearance and usability of the websiteBuilding the front-end side of the website using elements such as HTML, CSS, Bootstrap, JavaScriptPresented as a team to the Lufthansa group employees as part of Project System Development module
11/2017 – 02/2018	Group project during the Erasmus: <i>"Virtual Reality World"</i> A VR World developed in Unity to learn the C# language, design patterns and OOP concepts. Project duties: <ul style="list-style-type: none">Scrum Master of the project – keeping everyone on track with sprint backlogs on a weekly basisManage a healthy relationship around an international-based teamSuccessfully allow the user to roam around the terrain and finish the game objective using GoogleVR
02/2017 – 05/2017	Duo project during the Second Year: <i>"OralBearduino"</i> A notification system to encourage and motivate children to brush their teeth in a fun, IoT(Internet of Things) environment. Project duties: <ul style="list-style-type: none">Use the ESP8266 WiFi Module to notify the app in real-time through ArduinoDevelop an Android application for user interface and for notification updates

TECHNICAL

Languages:	Proficient in Java, Python, HTML, CSS, JavaScript, C#. Experienced in SQL, NoSQL, Prolog, Shell Scripting, C++, C.
Technologies:	Experienced in NodeJS, ReactJS, Flask, OpenCV, Keras, Tensorflow, Git, Unity, Anaconda3, Jupyter Notebook. Familiar with Arduino, Android Studio, .NET, Kali Linux, Neo4j, PostgreSQL, MongoDB, PyQT, Processing.

ACHIEVEMENTS

08/2018	B1 level certificate of proficiency in German
10/2017 – 04/2018	Class Representative of Double Degree class
09/2016	Runner-up at BioPharma Ambition Hackathon by MIT's Hacking Medicine & DCU Alpha
2012 to 2017	Youth Leader at CFC – Youth for Christ