

# Maksymilian Drzezdzon

Blanchardstown, Dublin Malin Hall Waterville | +353 (0)87 396 7327 | [maksthorn.github.io](https://maksthorn.github.io)

[Maksdrzezdzon@gmail.com](mailto:Maksdrzezdzon@gmail.com) | [linkedin.com/in/maksymilian-drzezdzon-1ab255116](https://linkedin.com/in/maksymilian-drzezdzon-1ab255116) | [github.com/Maksthorn](https://github.com/Maksthorn)

## Career Summary

- Looking to do a masters in advanced software engineering, Python, Android and IOS hobbyist
- Completed QQI level 5 in programming while in secondary school, created mini games, taught student's python
- Learned embedded programming to build a robot, demo link on GitHub

## Education

**Bachelor of Science in Network and Software Engineering**

**2015-2019**

Technological University Dublin - City campus

## Work Experience

**Network engineering intern**

**Virgin Media**

**06/2017 - 12/2017**

- Review, fix circuit paths in company software used for documentation of network circuits
- Trusted and authorized with access to the whole virgin media network in Ireland as an intern

## Projects

**Digital Ocean Cloud Server**

- Build, hosted and configured Nginx web servers with SSH, DNS, Lets Encrypt (HTTPS), Cron
- Deployed all web projects below to cloud with Nginx configurations above and databases for storage

**Java Web Application**

- Developed a number of API endpoints, Spring backends with authorization, REST API and Postman
- Designed a simple and clean angular front-end to present data from API endpoints
- Dockerized Spring microservices, integrated external API, implemented client-side load-balancing

**Python Log Analysis Tool**

- Learned Python and PyQt5 to prototype a functioning desktop application
- Formatted and plotted data to provide insights with Pandas and matplotlib on a DoS attack

**Python Web App**

- Researched Django/Flask, chose Flask to build a blog/Facebook like application as its similar to Spring
- Designed a front-end with Bootstrap, CSS3 and Flask functions, imitated Facebook features

**Mobile Development IOS/Android**

- Created a speed calculator using hardware sensors with live graphing using an external library
- Build clone apps to learn app architecture, UI design, cloud and device storage for mobile apps
- Continuously work on side projects with a goal to publish my own apps on both (IOS, Android)

**Arduino Bluetooth Car Bot**

- Complied with a tight work schedule due to weather conditions delaying robot parts
- Employed knowledge of Bluetooth (BLE), Android, Debugging code and embedded systems

## Skills/Glossary

**Programming:** Java, Python, Swift, C#, C/++, Learning Kotlin, HTML5, CSS3, XML

**DB Technologies:** Hibernate, MariaDB, MongoDB, MySQL, PostgreSQL, Microsoft Access, JDBC, Nginx

**Tools/Technologies** Android Studio, XCode, Angular, CCNA/CCNA Cyber-Ops/CCNA security, Cloud, Docker, Flask, Flask SQLAlchemy, Gradle, IOT, Git, Junit, MQTT, Maven, Pandas, Postman, Raspberry pi, Rest, Spring Boot, Swing, Tomcat,