

# Timothy Barnard

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Gitlab: <https://gitlab.com/timothy.barnard> Github: <https://github.com/collegboi>

LinkedIn: <https://www.linkedin.com/in/timothybarnard1/>

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## Employment

### **Project Manager/Software Engineer at Medical eGuides (June 2017 - Present)**

Timothy's main role here is to maintain the iOS native apps (20+) written in Swift, this involves development work and publishing them. He also work on a non-native app written in Angular 7 and the back-end which is using Django. He integrated Fastlane with all iOS apps to make easier and streamlined for testing and publishing new builds. He also manages the Mac server where all the builds are ran on, this involves making sure we use the latest versions of Fastlane, macOS and other tools such as Swiftlint and Swiftgen.

### **Software Engineer at Ocuco (January 2016 - May 2017)**

He had an internship for 8 months, where he improved upon his skills like communication and technical such as learning new language Delphi and improving Oracle PL/SQL. Some responsibilities involved taking care of tasks assigned to him, finding help if required. After the internship, he got offered and accepted a part-time position during the final year of college.

### **iOS Developer at Western Seaboard (August 2015 - November 2015)**

Timothy got a contract to design and develop an iOS App for fishing industry company. The skills needed were efficient communication to discuss what they require in the app, technical skill to do the job, and keeping to the deadline.

### **Builder at Holtz Craft (October 2004 - September 2019)**

Timothy works for his fathers company in construction. He responsibilities included finishing the job on time, keep the customer happy and safe at all times and keeping the work place clean. Various skills learned including Joinery, Plumbing, Electrical, Tiling and Roofing.

## Education

### **2013 - 2017 Dublin Institute of Technology**

Graduated with 1st class honours in Computer Science.

### **2012- 2013 Rathmines College**

Received Level 5 FETAC Distinction in all modules doing Computer Programming

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## Projects

### **DIT Timetable**

This project is an iOS/Android app written in Swift 4 and Kotlin which allows students to view their timetable, college news and campus locations. This project also required a backend written in python using Django to scrap the college website and store all the college timetables. The app is on the App Store.

### **Motor Spy**

Timothy's first iOS written in Swift 1 allows users to upload their stolen vehicle and check registration plates for reported stolen vehicles. The project includes a backend written in python using Django where the cars and users information are stored. The app is currently on the App Store with new versions coming soon written in Swift 5

### **RaspberryPi Home Monitoring System**

This project consisted of using a raspberry pi to monitor people coming into my place using bluetooth. It also managed the home heating system with a schedule that could be set via a iOS Swift app. The system monitored the internet connection, doing a ping test every hour and storing the result so the app could detect if when the home connection was down.

*I have many more projects which can be viewed on LinkedIn or website.*

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## References

### **Bryan Dugan**

Programming Lecture.

DIT Kevin Street, Dublin 8,Ireland

### **Kerrill Thornhill**

Medical eGuides

Thomas Street, Dublin 8,