

# Peter O'Donnell

COMPUTER SCIENCE · SOFTWARE ENGINEER

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## Summary

I am a computer science student currently studying in UCD, I am currently looking for a graduate role in a company where I can improve my skills as a software engineer and contribute to a team with a good learning environment. I take part in a wide range of team sports and I am looking for a company with a good social atmosphere that I can take part in and hopefully add too.

## Education

### University College Dublin

B.S. IN COMPUTER SCIENCE

*University College Dublin, Belfield*

*GPA: 3.55 2018 - 2022*

### Scholarships

EUROPEAN DISABILITY FORUM AND ORACLE E-ACCESSIBILITY SCHOLARSHIP 2021 WINNER

GEORGE MOORE SCHOLARSHIP RECIPIENT

## Experience

### Rakuten Kobo

*Blackrock Business Park, Carysfort  
Ave, Blackrock*

SOFTWARE ENGINEER INTERN

*Mar 2021 - Sep 2021*

- Pushed backend and frontend changes to production to directly improve the customer experience when using Kobo.com.
- Worked closely with product owners and test engineers to improve my code quality and meet expectations when it came to the final product.
- Main work focused on the browse-history micro-service which allowed users to track what books they viewed within the last month.
- Main Technologies Used: C Sharp, HTML, Vanilla JavaScript.

### Pramerica Systems Ireland

*Letterkenny Technology Park Co.  
Donegal*

SOFTWARE ENGINEER INTERN

*May 2020 - Sep 2020*

- Worked within an agile team to build and develop a prototype for a new financial service.
- Completed training courses on API design and Rest fundamentals.
- Worked as a scrum master/developer on an intern project to develop an intern information portal.
- Main Technologies Used: JavaScript, Nodejs, Express.

## Projects

### UCD Underground [Click for Code](#)

PERSONAL

- A module review site to allow students to review modules and browse modules.
- The idea of the site was to give students picking the modules an inside look from students who already had completed the module.
- Functionality included user login, user registration, confirmation emails, module reviews, module rating system, password hashing and module leader boards.
- The project used a simple MVC architecture using MongoDB, Nodejs and Pug template engine and was hosted on Heroku

### Distributed Systems Project [Click for Code](#)

COLLEGE ASSIGNMENT

- Group project where we created a system of micro-services.
- The microservices communicated together to provide the user with tracking information of their parcels.
- Project was developed in java and used Netflix's Eureka service and Zuul service. The project also used Docker, Swagger and Maven.

### Scrabble Playing Bot [Click for Code](#)

COLLEGE ASSIGNMENT

- Group project where we developed a scrabble playing bot which came 7th out of 46 other bots within the University.
- The bot used the Gaddag scrabble algorithm to view the board and calculate all possible words and decide on the best possible move.
- Used machine learning to calculate heuristics for the bot to use while evaluating moves.
- Project was developed in java.