

# Daniel Soden

**Mobile:** 0861628488 **Mail:** [danielsoden04@gmail.com](mailto:danielsoden04@gmail.com)

**LinkedIn:** [www.linkedin.com/in/daniel-soden](https://www.linkedin.com/in/daniel-soden)

## PERSONAL PROFILE

I am a passionate Software Development Student entering my third year. I have a deep curiosity for all things tech and Software, with a great foundation in backend technology, hardware and operating systems.

I work well as part of a team and especially independently when exploring a topic that interests me. From previous experience in both Sales and logistics, I pride myself on great communication and interpersonal skills which I believe would be of great value for any team I may be a part of.

## EDUCATION

### Munster Technological University, Cork

September 2023 – Present

- I am currently an undergraduate student pursuing a BsC (Honours) in Software Development.
- I have Achieved First Class Honours in both my first and second year with my most recent **GPA being 73.58%**.

#### Relevant Modules:

#### Grade

- |  |     |
|--|-----|
| 1. Object Oriented Programming             | 89% |
| 2. C Programming                           | 79% |
| 3. Database Design                         | 82% |
| 4. Server-Side Web Development             | 78% |
| 5. Object Oriented Analysis and Design     | 84% |
| 6. Non-Linear Data Structures & Algorithms | 83% |

#### Notable College projects:

All code available at [github.com/daniel04soden](https://github.com/daniel04soden)

##### 1. Object Oriented Programming project:

- Created a JavaFX cross platform desktop app based around a Computer store in which customers, products and order objects are created.
- Demonstrated a variety of patterns, (Singleton pattern, MVC Pattern)
- Experimented with the Java Stack and Heap. (How many objects can be created until a crash occurs?)
- Implemented serialization and deserialization in plain csv files to store the objects.
- Migrated this storage system over to a relational database (SQLite).

**Grade: 90%**

##### 2. C Programming project:

- Solved a matrices based problem in order to maximise the amount of valid matrix indexes visited with tight constraints based around a Monkey obtaining treats Implemented dynamic memory allocation for the state of the Monkey.
- Demonstrated ability to apply simple Greedy and Dynamic programming algorithms.

**Grade: 90%**

## RELEVANT EXPERIENCE

### PFH Technology Group, Little Island

Summer May 2022 – Summer 2025

#### Warehouse Operative

Worked in the Configuration team each summer within the warehouse upgrading and setting up a wide variety of computers ranging from all in ones, to Mini PCs to large desktops.

My work included the following:

- Installing and testing components such as RAM, SSDs and Network Cards.
- Applying custom Windows images and encrypting hundreds of computers for the HSE.
- Resolving various hardware and software issues including, but not limited to missing/outdated drivers, unclean contacts.

### DID Electrical, Turners Cross

September 2024 – May 2025

#### Sales Advisor

- Achieved €50,000 in sales in my first three months, with a peak day of €6,000 by the end of my contract.

- Worked as a stand in tech support, aiding customers fix and set up devices such as phones and tablets.
- Set up Apple Demo Devices for display at the front of the store.

#### OTHER EXPERIENCE

##### Airtastic Entertainment Centre September 2023 – May 2024

###### Team member

- Taking multiple orders at the till and presenting this food to customers at their table in a fast paced environment.
- Dealing with a variety of customer complaints and coming to resolutions while under pressure.

#### RELEVANT PERSONAL PROJECTS

##### 1. Portfolio Website – [danielsoden.xyz](https://danielsoden.xyz)

- Tinkered with an up and coming JavaScript framework Svelte ,in order to create a static site to introduce myself, my skills passions and what I value as a student.
- Utilised git as a means of version control between my machines and to push changes using my hosting platform of choice Netlify, where I purchased my own domain.

##### 2. Goshush – [github.com/daniel04soden/goshush](https://github.com/daniel04soden/goshush)

- Explored a CLI Golang Framework as a means of creating a Unix-like shell.
- Demonstrated an understanding of the Unix core utils and the Go standard library by implementing methods such as ls, pwd and grep using the Go standard library.

#### ACHIEVEMENTS

- Achieved first class honours in all college semesters to date.
- Received an Education Training Board award for scoring 566 points in my leaving certificate.
- Awarded Bronze Gaisce medal for volunteer work, physical activity and pursuing a new skill in cooking.

#### HOBBIES

- Devised personally tailored workout plans, mentored myself and peers on correct gym technique learned over the last 5 years.
- Researched, built and set up my own Computer and keyboards used for college work and occasionally games.
- Buying, tinkering with and upgrading old Computers and Laptops and exploring the limits of older technology with Linux.

#### REFERENCES (Contact available upon request)

1. David O'Shea, Store Manager, DID Electrical Turners Cross
2. Michael O'Donovan, Warehouse Logistics Manager, PFH Technology Group

#### RELEVANT SKILLS

- Programming: Java, Python, C and Golang
- Web Development: HTML, CSS, and JavaScript (ExpressJS, SvelteJS)
- Other: Vim, Linux, Git and Bash