

DANIEL SODEN



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danielsoden.xyz

ABOUT ME

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

2023-Present

Munster Technological University

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%.
- I am currently an undergraduate student pursuing a BsC (Honours) in Software Development.

Relevant Modules:

1. Object Oriented Programming
2. C Programming
3. Database Design
4. Server-Side Web Development
5. Object Oriented Analysis and Design
6. Non-Linear Data Structures & Algorithms

Grade

89%
79%
82%
78%
84%
83%

PROJECTS All code available at github.com/daniel04soden

COLLEGE PROJECTS

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 Greedy and Dynamic programming algorithms.

Grade: 90%

PERSONAL PROJECTS

1. Portfolio Website – 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.
- Utilized 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

- Created a Unix-like shell while exploring a Go CLI Framework.
- 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.

EXPERIENCE

Summer 2022 - 2025

PFH TECHNOLOGY GROUP

Warehouse Device Configuration Specialist

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.
- Encrypting and applying custom Windows images for hundreds of devices for the HSE.
- Resolving various hardware and software issues including, but not limited to missing/outdated drivers, unclean contacts.

September 2024 - May 2025

DID Electrical

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.

SKILLS

- Backend Technology: Python,Golang, and Linux
- Web Development (HTML,CSS, JavaScript)
- CLI Tools: Vim,Git, Bash and Tmux

REFERENCES

CONTACT AVAILABLE UPON REQUEST

Mick O Donovan

Warehouse Logistics
Manager, PFH Technology
Group
Cork, Little Island

David O'Shea

Store Manager, DID Electrical
Cork, Turners Cross