

# Edan Ladow

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## About Me

I'm a software engineer with experience in Linux and Windows driven by my enjoyment of problem solving. I'm good at reading documentation and use this to support me to work with whatever programming language is needed for the job, even if I've never used it before.

I enjoy both teaching and learning skills to/from others and am able to collaborate in discussion about a problem and produce solutions that were agreed on by the group. I have some background in maths and physics which supplements my problem solving and helps me take on more mathematically oriented problems in my code.

## Education

Bachelor of Information Technology at the Australian National University  
Advanced Intelligent Systems major

2016-2021

## Employment

Software engineer at Countersight

2022-present

As a software engineer at Countersight I work in a small team to contribute to a range of projects, including long running client web projects involving large code bases through to quick turnaround tactical projects producing capability in the Wi-Fi space. The work was allocated using Jira for an agile environment.

I work with tools and languages including React, Go, Python, and Bash, alongside project management tools including Jira, Confluence and Git. My tasking includes implementation of new functionality, bug fixing and testing.

## Personal Project

Please do check out my most recent personal project on Github:

[https://github.com/E27183/normallight\\_dodger](https://github.com/E27183/normallight_dodger)

Although this example uses only C++, languages I've used for personal coding include C, C++, Go, Python and Java

## Competitions

Jane Street Electronic Trading Challenge -- First Place

2020

Over a day long event, collaborated with team members to develop an algorithm buy and sell stocks in a simulated market based on their past values; directly competing against the algorithms of other teams.

Final approach found the weighted average of each stock twice by decaying the “importance” of each value in the history by a small percentage of the value it was behind. It used a large and small decay and estimated the trend by subtracting the weighted average with a small decay from the weighted average with a large decay, then selling all other stocks and investing all current savings into the “best” stock.

## Courses

Parallel and concurrent programming with C++ (parts 1 and 2)

2 hour online courses which reinforced my understanding of concurrent and parallel programming from university and also improved my understanding of concurrent design principles as well as the libraries and functions to apply these in C++.

## References

### David Gavin

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### Nick George

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