



# NATHANIEL RUSSELL

SOFTWARE DEVELOPER

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 [GitHub](#)

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## EDUCATION

### o1FOUNDERS

Fellowship

2021 - Present

### A-LEVELS

Brentside High School

- Maths - A
- Chemistry - A
- Physics - B

2018-20

## SKILLS

- GoLang
- Testing
- JavaScript
- SQL
- Git
- Web Design
- Docker
- GraphQL

## EXPERIENCE

### SOCIAL NETWORK

(PROJECT)

A social media site where users are allowed one post a day, designed with an event-driven approach.

- GoLang
- Restful APIs
- Gorilla Web Sockets
- GoLang Testing
- Cross-Origin Resource Sharing
- SQL
- Docker
- React

### FORUM

(PROJECT)

A forum where users can make posts, comment, and live message other users.

- GoLang (Including Go routines and channels)
- Gorilla Web Sockets
- SQL database
- RESTful APIs
- JavaScript
- Sessions and Cookies

### LEMIN

(PROJECT)

Find the most efficient way to move "ants" through a map without having two in the same room at the same time.

- DFS and BFS
- GoLang
- Manipulating Data

### GRAPHQL

(PROJECT)

Using GraphQL to query data from an endpoint and display it in a user interface

[See Project](#)

- GraphQL
- RESTful APIs
- Processing and Displaying data