

Dec Kolakowski

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ABOUT

I am a software developer, a TDD enthusiast and an evangelist for clean code. I graduated with a first class degree from Trinity College in Musical Composition. I spent ten years making games as a hobbyist and working in technology-driven art and animation projects. Through using code in these projects I discovered a love for programming and it's expressive potential. In 2020 I made the decision to transition fully into software development by attending Makers academy.

SKILLS

JavaScript: Vanilla JS, React, Node.js, Express, Cypress, Jest, Async Mongoose

Rust: Cargo, Test

Python: Unittest, Pipenv

Ruby: RSpec, Capybara, Rails, Sinatra

Testing: TDD, BDD, Spec / AAA Test Patterns

Databases: SQL, MongoDB, PostgreSQL

Web Development: API creation, Full stack, Single Page Web Apps, HTML, CSS

EDUCATION

Makers Academy (April 2020 to July 2020)

- Fullstack web development
- Effective remote working
- Object oriented design
- Agile methodologies
- Test driven development
- Ruby, JavaScript, Python

Trinity College (September 2011 to June 2015) - First Class Honours

- Musical Composition (Orchestral and Electro-acoustic)
- Created or participated in a range of artistic cross-cultural and internal collaborative arts projects.
- Created professional recordings and integrated technology with music

PROJECTS

GraphWFC.rs

A generalised graph based implementation of Maxim Gumin's Wave Function Collapse algorithm.

Tech Stack: Rust, Cargo, Rand

Re-Engage Charity Organiser Portal

A tool developed for the UK registered Re-Engage charity to facilitate volunteer co-ordinators.

Tech Stack: JavaScript, Node.js, MongoDB, Express, React, Google Maps API (Directions/Rendering), Lodash, Genetic Algorithms, Cypress, Jest

Maker's B'n'B

A group full stack clone of Air B'n'B.

Tech Stack: Ruby, Sinatra, Sinatra-Flash, Bcrypt, Pony, RSpec, Capybara

INTERESTS

- I am long time meditator. I have trained in Dzogchen and Pali traditions.
- I run a collaborative music video club on discord in which a community music video lovers come together to experience cross cultural music
- I play music regularly (Grade 8 in Baroque Recorder)
- Yoga and running