ADRIAN MANCUSO

FULL STACK WEB DEV

CONTACT

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PROFILE

I'm an avid record collector, modular synth geek and talented full stack developer who enjoys problem solving and adapting to change. I have played in bands in Japan and worked as a DJ in Poland. I discovered my love of programming through tidalCycles, a Haskell based real-time coding language. My passion for problem solving and flexible nature means that I pick up new technologies and develop quickly. I run a weekly study group for people who are learning functional programming. When I'm not neck deep in code (or stackoverflow) I like to make bread.
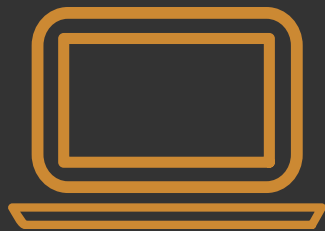
TECH & LANGUAGES

- HTML && CSS && SASS
- Javascript and several frameworks (inc. jQuery)
- ReactJS
- Ruby && Ruby on Rails
- NodeJS & express
- PostgreSQL
- TDD with Jasmine (JS) and RSPEC (Ruby)
- GIMP / Photoshop
- Experience with AJAX requests and building an API
- Version Control Systems (GIT)

WORK EXPERIENCE

GENERAL ASSEMBLY
WEB DEVELOPMENT IMMERSIVE
MAY 2017 - AUGUST 2017

Completed over 600 hours of projects and study over 12 week immersive course. Covered aspects of front and back end technologies (with a focus on Ruby and relational databases) as well as working in agile environments, SCRUM techniques, test and behaviour driven development and fundamental computer science concepts.

Course was focussed on imperative and object oriented programming fundamentals. Since completing the course I have started my own weekly functional programming study group at General Assembly.

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GENERAL ASSEMBLY PROJECTS

>ROLLBACK - RUBY ON RAILS / REACT

A full stack application which allows users to enter an item and the date purchased. A google calendar notification is sent the day before the return window is up. I built the back-end architecture, some web crawlers to get return date data and took on the role of project manager and git master. Recently reworked with a React front-end as a personal project

Tech used: Ruby on Rails, PostgreSQL, Nokogiri, Mechanize, GoogleCalendar, React

>PLATO PROJECT HACKATHON - RUBY

A hackathon entry made as part of a 5 person team (2 developers, 3 UX designers). The client (The Plato Project) requested a website focussing on mental health which targetted at risk males. We developed a website which connects users to a mentor in their field of interest for regular meetups. Hackathon organisers have since contacted myself and my partner for future work

Tech used: Bootstrap, Ruby on Rails, PostgreSQL

>WOOFER (TINDER FOR DOGS) - RUBY / JAVASCRIPT

Solo project built for dog owners to create dating profiles for their pets. Users can connect to others in a similar vicinity using data taken from the Google Maps API and can send private messages to other dogs.

Tech used: Ruby, Sinatra, PostgreSQL, Google Maps API

PERSONAL PROJECTS

>MELBOURNE MISHAP MAP - HANDLEBARS

A mobile responsive single page application which displays locations of real-time traffic incidents as served by the VicTraffic API which users can click to access further data. Future iterations will include a Rails backend to show historical data.

Tech used: Handlebars.js, Materialize, jQuery, GoogleMaps

>THEREMINOMETER - WEB AUDIO API

Motion-based front-end noise maker which leverages HTML5's access to a device's accelerometer and the Javascript Web Audio API to make a whole lot of noise. Users can move their phone around to change the frequencies of the sounds.

Tech used: HTML5, Javascript WebAudio API

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FURTHER EXPERIENCE

DEPARTMENT OF IMMIGRATION AND BORDER PROTECTION - MELBOURNE
FEB 2015 -JUNE 2017
APS4 Student Visa Processing Officer & Freedom of Information Officer
- Responsible for decisions and refusals on high risk visa applications with regard to relevant legislation
-Worked collaboratively under the collective case management framework to reduce the Department's highest backlog to date.

PRZYSTAN NA CHWILE- KRAKOW, POLAND
APRIL 2014 - DECEMBER 2014
Arts and Events Coordinator
- Curated events, booked local and international talent for a riverside pop-up bar
- Responsible for organising successful opening weekend and associated promotion which over 700 people attended

FREELANCE ENGLISH TEACHER-KRAKOW, POLAND
OCTOBER 2012 - DECEMBER 2014
Responsible for wide, varied clientele from 6 year old children to actors practising for international roles.

EDUCATION

- **2017 - General Assembly** - Web Development Immersive
- **2011 - Victoria University** - Bachelor of Writing and Communication. Awarded the Fred Morton award for best graduating student in Communications

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