



HESSAM TABATABAEE

SOFTWARE ENGINEER

As an early career software engineer with more than 10 years of professional experience in life sciences sector, and an enthusiasm for learning, I am passionate to leverage my skills in software development, to offer robust, scalable solutions for complex real world problems.

Skills

Frameworks / Libraries

React
Next.js
Vue.js
Express

Languages

JavaScript (ES6)
Node.js
Ruby on Rails
CSS/SCSS

Databases / Cloud

PostgreSQL
MongoDB / Mongoose
Firestore (firebase)
AWS (amazon)

Contact

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📁 [Portfolio](#)  [GitHub](#)  [LinkedIn](#)

Education

Software Engineering Immersive

General Assembly
July 2021-Oct 2021

Biomedical Sciences, PhD

University of Newcastle
Oct 2016-Feb 2021

Recent Projects

COVINFO

NSW COVID information website | Sep 2021

- COVID infographic app that uses government APIs and a map that color codes suburbs based on infected cases
- Tech stack: Vue - Node - Express - Mapbox - Chart.js

SWEET & SWEAT

Activity-based dating web app | Aug 2021

- This project was inspired by lockdown circumstances for motivating people to exercise
- Tech stack: React - Firebase - RealTime DB - Analytics

ADOPTMEOW

A platform to find cats for adoption | July 2021

- Full CRUD system MVC architected project that allow users to have profiles, and browse or list cats for adoption
- Tech stack: Ruby on Rails - PostgreSQL - S3 - Heroku

Work Experience

PhD Candidate - Cancer Genomics

University of Newcastle | Oct 2016 - Feb 2021

- Identified a novel therapeutic target in melanoma through Bioinformatics analysis of genomics data
- Trained in R, Databases, Statistics, HPCs
- Data analysis & visualisation with R
- Presented findings at national & International conferences

Research Assistant

Hunter Medical Research Institute (HMRI) | July 2010 - Oct 2016

- Associate investigator in series of multidisciplinary projects including Reproduction & Neuroscience
- Data specialist & Statistical analysis consultant
- Collaborated with different teams & KOLs to deliver projects in a timely manner