Jo Dunham

www.jo-dunham.com

SOFTWARE DEVELOPER

ABOUT ME

I love coding & have ever since being first introduced to it in high school.

I hold a black belt in Hapkido & train twice a week in my club, as well assist in teaching in our kids class.

I love all things arts & crafts & have many hobbies revolving around creativity including drawing, painting, photography, crochet & building 8-bit art out of rubiks cubes (just to name a few)

I love animals & you'll often find me talking to strangers in the park asking to pat their dog

WORK EXPERIENCE

EDUCATOR

Coder Academy | Aug 2020 - present

- Support lead educator in the delivery of classes related to web development and coding in general, with a specific focus on ruby on rails and the MERN stack
- Measure and optimise the learning of students, both on campus and online, utilising technologies for seamless integration of classrooms
- Conduct face to face teaching by reviewing the class content in breakout sessions. Due to my bachelor in mathematics, I taught the students all of the required math content
- Support and mentor students in practical work, both in person and online, reviewing and debugging their code
- Grade student assessments and ensure that assessments are marked to the same standard across all campuses
- Help maintain quality of content across campuses - adding accurate subtitles to recorded content for accessibility purposes; ensuring quality and accuracy of content
- Interviewing potential students for admissions, managing expectations and ensuring suitability

SOFTWARE DEVELOPER

Grok Learning | Apr 2020 - Aug 2020

- Working in a fullstack capacity using python & django, within docker, with the goal of maintaining & updating the Grok Learning platform.
- Created interactive course content teaching how to code, aimed at young students all the way up to tertiary student level.
- Part of the team that delivered assistance to grok's clients via the grok learning web application. Grok's clients were a mixture of student users & teacher/parent supervisors. We would tutor students directly with their coding, & aide teachers/parents with more administration side of things.
- Wrote & conducted tests for any backend work to ensure code integrity.
- Followed company-defined processes for jira & github when pushing code.

CODING INTERNSHIP

Safety Culture | Feb 2020 - Mar 2020

- I was tasked with validating ~70,000 addresses, of their US customer base, using both the Google & Avalara API. From there I extracted accurate tax percentages for pricing
- Error messages were also collated & analysed
- Unit tests were written for the code including mock functions

SKILLS AND EXPERTISE

I am proficient in Javascript, NodeJS, React, Mongo, Ruby, Rails, HTML, CSS, Bootstrap, SASS, PostgreSQL, Netlify, Heroku & Git.

I am quick to pick up new tech stacks & have a natural knack for problem solving & logical thinking

VOLUNTEER

I assist in running a weekly Hapkido class for kids aged 7-14.

Participated in numerous Hackathons including winning an award at SheHacks2019

Presenter at ROROSyd MeetUp including an Exercism challenge & presenting work completed at a RailsGirls Hackathon

SOME OF MY DEPLOYED SITES

Portfolio - HTML | CSS
www.jo-dunham.com
Random Monster Generator -
JS | HTML | CSS:
https://random-monster-generator.netlify.com

CONTACT ME

Email: scaffelpike@yahoo.com.au
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STUDENT

Coder Academy | Mar 2019 - Feb 2020

- I gained a solid understanding of high demand skills in modern web development with a focus on ruby | rails | javascript | node | React | HTML | CSS. Also using PostgreSQL & MongoDB databases, as well as various other technologies such as git, trello, Heroku, Netlify, Semantic UI, Bootstrap & others.
- I was the scholarship recipient upon acceptance & graduated with a high distinction average
- Just a few of the websites I have deployed are mentioned to the left
- Along with these technologies Coder Academy also instilled in us the value of continuous learning introducing us to various MeetUps that I still regularly attend.

HOME EDUCATOR

Jan 2012 - Feb 2019

- Created entire curriculum suited to my son's needs and interests based on the NSW syllabus
- Kept close contact with numerous educational facilities keeping track of upcoming events
- Kept accurate records of daily activities for the BOS

EDUCATION

CODER ACADEMY

Dip. Information Tech | Mar 2019 - Feb 2020

Diploma of Information Technology Higher Education
- Coder Academy pride themselves on being industry relevant. Javascript with Express and Node, as well as Ruby with Rails were our main focuses and how to use these effectively including building websites from scratch, calling APIs, posting data to databases, ensuring security of data using OAuth or other validations and more.
- Many modern technologies were also taught including source control tools, project management tools, deployment and databases.

LEVELUP BUILD

ThoughtWorks | Sept - Oct 2019

A six week, hands on course run by ThoughtWorks
- Gained hands on experience, complete with a team of UXs and BAs on agile development, test driven development and continuous integration. A complete product was completed in this time.

UNIVERSITY OF WOLLONGONG

B. Mathematics Ed | Feb 2003 - Jun 2007

Bachelor of Mathematics Education
- Focus on higher mathematical concepts
- Secondary focus on educational techniques required for a diploma of education