Liam Callaway

Full Stack Software Engineer

Certifications

AWS Certified Solutions Architect - Associate (SAA-C03)

Attained: 2024

Epic React - Kent C Dodds

Attained: 2022

Technical Skills

JS/TS, React, NextJS, Astro, NodeJS, HTML, CSS, C#/.NET, Python, SQL

Personal Projects

Wordle Helper

Companion web app to suggest possible next-moves for the NYT's Wordle game

https://github.com/liamcal/wordle-helper

Macro Roller

PWA to parse, evaluate, and store dice roll macros for TTRPGs

https://github.com/liamcal/macro-roller

Birdsong

Online citizen science platform to crowdsource tagging audio recording spectrograms

https://github.com/liamcal/ICTProject2017

References

Available on request

Employment

Campaign Monitor: Full Stack Software Engineer   2020–Present

- Contributing to an online email marketing platform
- Leading user-facing feature development across multiple product areas: email reporting, contact management, account billing, conversion, and retention
- Establishing and upholding standards and best practices for front-end development
- Organising and facilitating monthly development knowledge sharing sessions
- Assisting with mentoring, outreach, and recruitment

Wisetech Global: Software Developer   2018–2020

- .NET development for a global logistics platform
- Focused on Master Data Management and eCommerce areas
- Provided mentoring for new starters

University of Tasmania: Undergraduate Tutor and Research Assistant   2014–2017

- Prepared and delivered tutorials for undergraduate computing units
- Developed an online experiment platform for use in a psychological research study

Industry Engagement

National Computer Science School: Volunteer Tutor and Lecturer   2013–2024

- Tutored students at the NCSS Summer School and NCSS Challenge
- Planned and delivered the Summer School's core academic content

UTS Industry Guest Lecture: Invited Speaker   2019, 2020

- Presented a 90-minute lecture and demo titled ".NET App Developement and Entity Framework in Industry"

Pycon AU: Accepted Speaker   2018

- Presented a 30-minute talk titled "Pi-thon: Teaching maths with Python" Recording: http://bit.ly/pcaulc18

Education

University of Tasmania, Australia   2013–2017

- Combined Bachelor of Science and Bachelor of Computing
- Majors: Applied Mathematics, Software Development
- Awarded the Tasmania University Scholarship for pre-tertiary academic merit
- Placed on the Dean's Honor Roll for a final GPA above 6.5

University of Tsukuba, Japan   2015–2016

- Awarded the New Colombo Plan Scholarship, a prestigious federal program, to study abroad in the Indo-Pacific region