

# 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 Development 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