

# HARRY KEIGHTLEY

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## EXPERIENCE

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**University of Queensland**      2021 - Present  
*Senior Research Assistant*

- Currently I'm working on low-resource language transcription tools to assist linguists gather data from Indigenous communities, for the purposes of language preservation and research. I was brought on to convert their (monolithic) application to a web-based, cloud infrastructure, which will allow language researchers to use state of the art transcription models without needing a programming background.
- In this time, I've also created websites for related organisations and released an open source VAD python package for linguists.

**Iris Industries**      2019 - 2022  
*Full stack developer*

- Iris Industries is my own company, under which I've been doing freelance development throughout university and since graduation.

**University of Queensland**      2021 - 2021  
*Course Developer*

- At the end of 2021, to address the gap in our faculty's Computer Science pathway, I was asked

to develop modern web development content for a course which will be run in the second half of 2022.

**Amazon**      2020 - 2021  
*Software Engineer Intern*      *Brisbane*

- At Amazon, I worked as a back-end developer on a wholefoods team, which was tasked with improving customer experience during pick-ups at their grocery stores across the world.

**University of Queensland**      2018 - 2021  
*Academic Tutor*      *St Lucia, Brisbane*

- I was responsible for teaching the first two years of introductory software courses at UQ. Outside of regular duties, I have also created assessment pieces, course video content, a queuing system for providing 1-1 help during COVID, a marking tool for helping tutors grade assessments, and have helped in initiatives to redesign course content for future semesters.

## EDUCATION

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**University of Queensland**      Graduated 2020  
Bachelor of Science, Computer Science Major

## SKILLS

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**Programming Languages (proficient)**  
**Programming Languages (learning)**  
**Front-end technologies**  
**Back-end technologies**

Python, Javascript, Typescript, Java  
Rust, Scheme, Dart, Go  
React, Next.js, Flutter  
AWS & GCP, Docker, Node.js, Django, Flask