

Tech Skills



Ruby



Rails



JavaScript



Vue



Node



React



postgreSQL



SCSS



Git



mongoDB

About

Shauna enjoys learning new things and relishes any opportunity to expand her skillset. She loves to work in an open and truly collaborative environment. She is a big fan of vocalising her thoughts and enjoys pair programming.

Shauna believes there is always a creative and innovative solution to any problem. She is enthusiastic to join a team to solve problems using agile methodologies.

Shauna has a very strong background in teaching. Her understanding of how people learn is hugely beneficial when working in a software delivery team, where people are always learning.

Education

2020 Diploma of IT (complete July)
Coder Academy, BNE

2007 Bachelor of Science
(Mathematics and Physics)

Monash University, VIC

2007 Bachelor of Education
Monash University, VIC

Teamwork Skills

- experienced in collaborating with a diverse range of people from many different backgrounds and cultures, within school communities and beyond.

Interests

- Puzzles, ethical tech, the environment, reading, animals, and karaoke

Tech Experience

Internship:

- Vue: built and designed: <https://weko.health/>
- Project Lead for WeKoRemote using hypothesis driven development to begin creating a culturally appropriate mental health screening tool for remote indigenous communities

Projects include:

- Rails two-way marketplace - Mentor Market : www.mentormarket.rocks
- MongoDB, Express, Pug, Node - Read it 'n' Wipe: Covid19 hackathon <https://readitnwipe.herokuapp.com/>
- Ruby Terminal App - Cat Nip the ultimate cat rehoming app: https://github.com/ShauaMack/cat-nip_terminalapp
- Jila - Indigenous Language app: <https://github.com/nganm/jila-backend>
- React: <https://www.localtrailerhire.com.au/>

Previous experience:

- highly competent in the use of technology in teaching and for administration and collaboration. Responsible for software evaluation and selection at several schools.
- simplified and automated IT procedures using G Suite and Google Apps Script.

Communication Skills

- presented science content in an engaging and understandable way to audience sizes from 20 people up to 2000 people.
- Head of STEM – responsible for 43 subjects, maintained extensive lines of communication with key stakeholders including Principal, board, other heads of department, senior and junior teachers, parents, and community members.

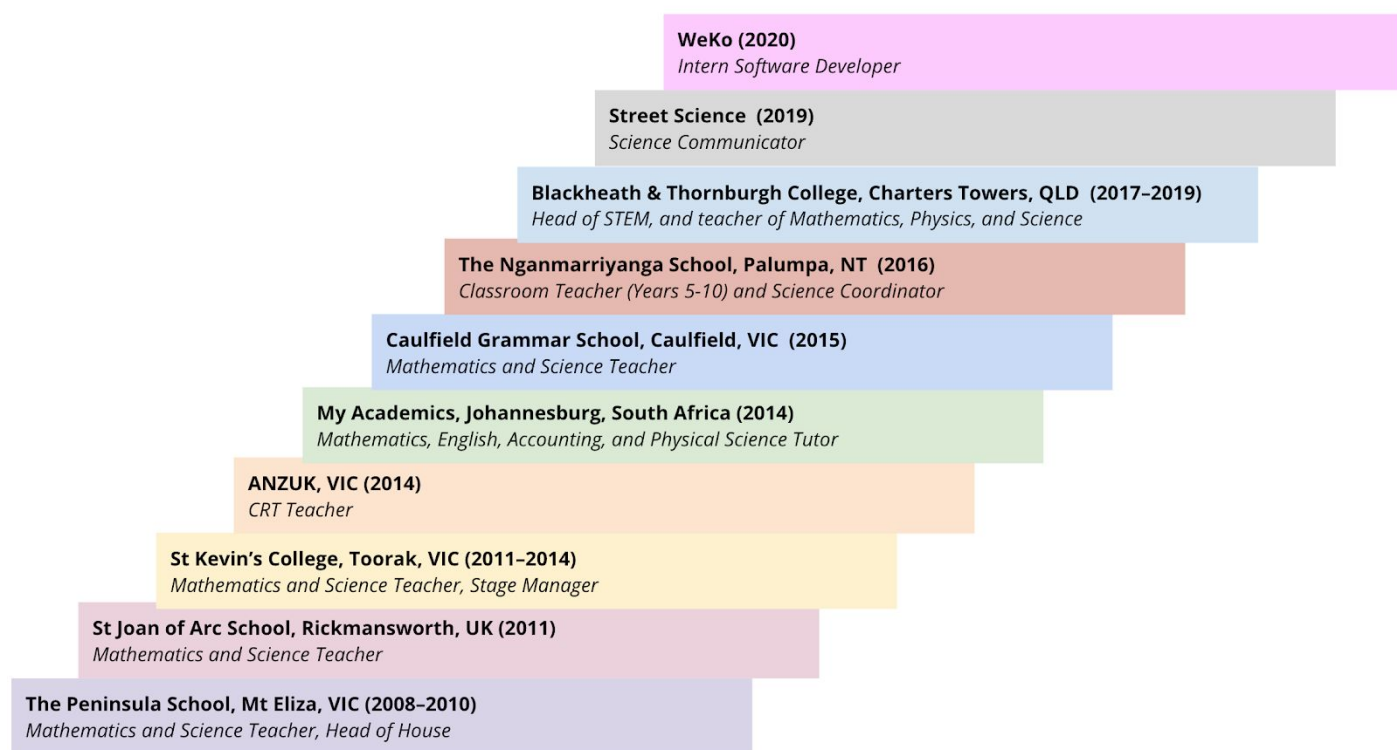
Organisational Skills

- organised and ran National Science Week for the Charters Towers Community, '[Rural Futures](#)', including 15+ events each year (2017 and 2018).
- Head of STEM – in charge of curriculum and assessment for all Mathematics, Science, IT, Health, Design, PE, Home Economics, and Manual Arts subjects for years P-12.

Initiative

- initiated and implemented the use of technology including: the use of an LMS (Schoolbox); a structured platform for collaborating on curriculum and resource documentation (Google Drive); spreadsheets to collect data for analysis to improve educational outcomes; and a new reporting format for end of semester reports for parents.

Career Snapshot



Recent Experience

Science Communicator at *Street Science* March 2019 - December 2019

- wrote and performed 'seriously fun' shows for children and adults of all ages
- presented science content in an engaging and understandable way to audience sizes up to 2000 people
- completed an IT audit, mainly focused on efficiency and security of current practices
- simplified and automated IT procedures for Street Science using G-Suite and Google Apps Script

Head of STEM at *Blackheath & Thornburgh College* January 2017 - March 2019

- accountable for the STEM educational outcomes of all students P-12
- led software evaluation governance and selection process for STEM, communicating efficiently with developers, project managers and executive school leaders
- teacher of senior Physics, Mathematics and Chemistry
- founded and coordinated the Robotics and Coding Club for students in years 5-12
- led the BTC Astronomical Society and ran evening events at the BTC Observatory, educating and inspiring science in the Charters Towers community

Levels and subjects taught

Adult education	VCE Mathematical Methods, Further Mathematics, Physics
A Levels	Core Mathematics, Foundation Mathematics, Physics
11-12	Mathematics C, Specialist Mathematics, Mathematics B, Mathematical Methods, Further Mathematics, General Mathematics, Physics, Chemistry
7-10	Physics, Chemistry, General Science, Mathematics, Drama, Simple Computer Programming, Film Studies, Business Mathematics, Hospitality – Cafe Program
Prep-6	General Science, Culture, Physical Education, Direct Instruction Literacy
Other	Circus Skills for year 7-9 students, Pastoral Care for year 7 to 10 students