

# Eloise Macdonald-Meyer "Ducky"

Developer, Learner  
Enthusiastic Person

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## EXPERIENCE

### 11 TELECOMMUNICATIONS SE KARLSRUHE SOFTWARE ENGINEER

January 2022 – present | Karlsruhe, DE

- Frontend web development on internal web application SalesCockpit.

Main tech used: • Angular (*typescript, jasmine, cyress*) • HTML5 • SCSS • CICD (*Jenkins, Groovy*)

### QALGO GMBH KARLSRUHE SOFTWARE ENGINEER

July 2021 – October 2021 | Karlsruhe, DE

- Fullstack web development on web application Synapcus 360.

Main tech used: • JavaScript (*jquery, vanilla, react*) • HTML5 • CSS • Lotus & X Pages

### R3DT GMBH KARLSRUHE SOFTWARE ENGINEER

February 2019 – June 2020 | Karlsruhe, DE

- Fullstack development on VR product & Company Lead for Research project.

Main tech used: • C# • Unity • C • Oculus Rift/Rift S

### ZKM KARLSRUHE CREATIVE TECHNOLOGIST

October 2017 – July 2018 | Karlsruhe, DE

- Researched and developed works for the Open Codes and other Exhibitions

Main tech used: • Python • HTML/CSS/JS • Alexa • HTC Vive • SmartPen •

### TAKEFLIGHTNOW NEON JUNGLE WEB APPLICATIONS ENGINEER

March 2015 – July 2017 | Hobart, AUS

- Worked as fullstack developer in web agency with focus on Wagtail CMS

Main tech used: • Django (python) • Wagtail (CMS) • Node.js • scss & jinja

### UNIVERSITY OF TASMANIA TELEPHONY TECHNICIAN

May 2014 – January 2015 | Hobart, AUS

- Provided Telephony support across all UTAS campuses, including interstate.

Main tech used: • Unix

## PROJECTS

### SPACERATER DESIGNER, WEB DEVELOPER, AND AR EXPERT

March 2018 | Karlsruhe, DE

Designed and partly implemented at the Open Codes Hackathon, this was a mobile AR experience for visualising peoples movements and feelings through 3D space.

### BINNABLE CAPTAIN

Nov 2016 | Santa Cruz, CA

Pitched and lead the research and development of a prototype for a mobile application that used computer vision to educate and gamify recycling.

### PUZZLE CUBE GAME DESIGNER AND TECHNICAL WRITER

February 2016 | Adelaide, AUS

Unity app for Augmenting games both "inside" and "outside" of a physical cube.

### GOVHACK PROJECTS HOBART, AUS

AirCondor: Frontend Developer and Map Wrangler July 2015

Air conditioner recommendation app, using air conditioner and energy rating data

What is Gov?: Data Wrangler July 2014

iOS game to educate players about agencies and roles of the Government.

Marvellous Ultimate Appliance: Visual & Game Designer May 2013

Electronic card game about the energy consumption of household appliances.

## EDUCATION

RMIT

B.TECH WITH DISTINCTION

August 2018 | Melbourne, AUS

Previously B.Sc & B.Comp UTAS

Previous Majors in Games Technology and Geographic Information Systems

UNIVERSITY OF SOUTH AUSTRALIA

AR SUMMER SCHOOL

Summer 2016 | Adelaide, AUS

Augmented Reality Summer school, co-run by DAQRI.

## SKILLS

### PROGRAMMING

Most used:

- Angular (*typescript, jasmine, cyress*)
- Python • C • C# •  $\text{\LaTeX}$
- HTML/Jinja/Moustache • CSS/SCSS
- JavaScript (*esp. 3js ARjs, trackingjs, Aframe*)

Experimenting:

- C++ • Vue • REACT
- FastAPI *python and auto swagger*
- ARKit • ARToolKit
- Swift • Ruby (*esp. Rails & Sinatra*)
- Machine Learning (*Neural networks, Computervision, Natural Language Processing*)

Tools:

- IntelliJ • Postman
- Wallaby • Unity3D • Godot • Emacs
- Xcode • Android studio • vim
- ArcGIS/QGIS • Wordpress
- Visual Studio & Code

### OTHER

- UX and UI design
- Game Design • Team Work
- Enthusiasm • Customer Service
- Sailing • Manual Drivers License

Languages:

- English (*Native*) • German (*B2*)
- Japanese (*Conversational*)
- Thailandisch (*Learning*)
- Vietnamesisch (*Learning*)
- Koreanisch (*Learning*)

## LINKS

Github:// [duckytape](#)

Gitlab:// [duckytape](#)

LinkedIn:// [eloiseducky](#)

## PRESENTATIONS

SEIEN SIE NICHT ÜBERFORDERT, ES IST ZUGÄNGLICH (DE) TBA

2024, Internal Brownbag

A live breakdown of a page of internal tool against WCAG standards.

BITTE KEINEN MÜLL HINTERLASSEN (DE) TBA

2024, Internal Brownbag

What is Garbage collection in Angular (compare other frameworks at end)

AUGMENTING REALITY WITH JAVASCRIPT NZ.JS CONF

2017, New Zealand

Implementing and getting started with AR and the JS libraries enabling this

I JUST WANT TO TALK ABOUT WAGTAIL... OSCONEU

2016, United Kingdom

introduction to Wagtail, an open source content management system on Django.

ARGH: NOT SO REAL MONSTERS BUZZCONF

2016, Australia

An introduction to Augmented Reality; comparison of development kits and how to get started with them, and ways to meaningfully design and implement AR

MENTAL HEALTH IN DEVELOPMENT PYCONAU

2016, Australia

Exploring mental health pressures and impacts in development, and strategies to manage and support better mental health.

MY FRIENDS KEEP LEAVING AND IT'S RUINING GAMES DAY

PAXAUS (PANEL)

2016, Australia

A conversation on how to keep playing games with mates despite being apart.

## WORKSHOPS

GAMES & FOSS MINICONF LINUX.CONF.AU

2017 & 18, Hobart & Sydney, AUS

- Worked with one other organiser to promote and schedule the conf.
- Requested and reviewed presentations, and further speaker liaison
- Prepared gifts for speakers (Hama Bead penguins 2016 and Penguin shaped PCB's with LEDs 2017).
- Researched and collected examples of FOSS in games

Main tech used: • AR.js • Unity3D • ScummVM • Deckset

WEB WOMEN WEEKEND NATIONAL SCIENCE WEEK

2016, Hobart, AUS

- Promoted the event for participants to attend and invited mentors.
- Mentored and guided participants through ice breaker sessions and the Django Girls and Rails Girls tutorials
- Mentoring including trouble shooting of participants code and helping lead participants to answers and understanding

Main tech used: • Django (python) • Rails (ruby) • html • css

BEGINNER CODING WORKSHOPS PYTHON IN SCHOOLS

2014 - Ongoing | Tasmania, Australia

- Created online resources for teaching children about computers and coding on Gitbook.
- Created modular sprite based game in python using pygame.
- Recruited and trained volunteers to be mentors and help in these workshops.
- Contact and maintained relationships with schools, universities and other educational organisations.

Main tech used: • Gitbook • Python • Pygame • HTML/CSS/JS

## VOLUNTEERING

ORGANISATIONAL ROLE

Tasjam	Founder
TUCS	President
linux.conf.au	Conference/ Minconf
	Organiser
CompCon	Co-Founder
Startup Tas	Committee
Girl Geek Coffees	Ambassador
ACS	Committee/ YiTTas Chair
Robogals	Sponsorship & Marketing
Django Girls	Workshop
Entropia	Organiser
	Etching (PCB)
	Supervisor

VOLUNTEER

- linux.conf.au • Djangconeau • GCAP
- 34c3 Angel • BuzzConf • kiwipycon
- pyconau • Amnesty International
- A Maze Berlin • Surprise Attack
- Unite MEL • Guide Dogs AUS
- Cancer Council AUS • PAXaus

## AWARDS

2017

GDAA | AUSTRALIA

- GDC Assist

2016

GOOGLE | APAC

- WTM/Anita Borg Memorial Scholar

START UP CATALYST | AUS

- Youth Mission Recipient

XBOX | WORLD

- Game Changer for GDC'17

2015

GOVHACK | TAS

- Most Commercially Viable Project

2014

GOVHACK | AUS/NZ

- Best Use of National Archives of Australia Data
- Best Open Government Data Hack
- 2<sup>nd</sup> Best Digital Humanities Hack

2013

GOVHACK | AUS/NZ

- Best Use of data.gov.au

## THANK YOU :)

May this little box disrupt the repetitive nature of resume reading. This box isn't meant to sway you, but I figure you probably have to read a few of these, so thank you for your time and reading my resume!