David O'Donohue

Education

Master of Psychology (Clinical), University of Tasmania

2012 - 2015

Bachelor of Psychology with Honours,

University of Tasmania

2008 - 2011

Professional Experience

Software Engineer, Kord Defence

Sep 2020 – present

In this role, I designed, wrote, tested, and debugged software, and contributed to system architecture design. I also saved hundreds of hours of work by automating the parsing of the data we collected.

Dev Ops Engineer, Cogito Group

Sep 2019 - Jun 2020

In this role I use Gitlab pipelines to automate deployment to a server. I implemented features on an application which used REST API webhooks to synchronise task management instances, reducing project manager workload. I used Go (Golang), JavaScript (React/Redux/Node), and C# while developing, bug fixing, testing, and performing code reviews for applications in a microservices environment with a PostgreSQL database. I was involved in creating unit tests

and automated tests, as well as performing integration tests, for these applications.

Computer Science Mentor, Science Mentors ACT

Jan 2019 - Dec 2019

In this volunteer role, I mentored a grade 9 student through a research project in computer science. We wrote a scissors-paper-rock bot which uses machine learning to exploit the inability of humans to choose moves which are truly random. We also described a mathematical conjecture which revealed insights into the assumptions of the machine learning framework.

Computer Science Tutor, Australian National University

Jul 2017 – Dec 2019

I was responsible for helping classes of first year students to successfully complete the course, as well as marking their assignments and providing them with feedback. I independently created video tutorials on the topics most students found the hardest and was consistently a top contributor on the online forums. I also consistently received high ratings in student anonymous feedback. In the second semester of 2018, my class showed the greatest improvement between their performance on the mid-semester exam and their performance on the final exam. I also created software to automate the emailing of student feedback, and the reminding of tutors to submit timesheets.

Associate Consultant, Veritec

Jan 2019 - Sep 2019

I worked autonomously to support other project members to deliver a detailed design document to the client. I created and ran a workshop on inter and intrapersonal skills. I developed a proof-of-concept web form for the Department of Agriculture using and integrating a static webpage, JavaScript, and an Azure LogicApp to orchestrate the flow of information.

Provisional Psychologist,

Jan 2014 - Dec 2014

Department of Health and Human Services

I worked with services in the disability sector, and families of individuals affected by a disability, to provide a functional assessment of challenging behaviours, as well as a subsequent behaviour management plan. I worked in a multidisciplinary team and liased effectively with allied health workers from other disciplines. I provided assessments for intellectual disabilities and adaptive behaviours. I also delivered psychoeducation to other professionals on schema therapy, autism spectrum disorder, and the process of cognitive assessment for intellectual disability.

Provisional Psychologist, Department of Education

2013 - 2013

I delivered learning, cognitive, and behavioural assessments to children. I provided feedback on the outcomes of these assessments, as well as intervention strategies, to families, school staff, and external agencies. I also provided counselling to students for issues including adjustment, anxiety, and depression.

Provisional Psychologist, PsychologyWorks

2013 - 2013

I provided cognitive assessments and cognitive behavioural therapy sessions to clients of the practice, predominantly psychoeducation, relaxation skills training, and mindfulness. I co-hosted a group on social anxiety, and a group delivering dialectical behaviour therapy to clients with a diagnosis of borderline personality disorder. I also provided suicide risk assessment and crisis counselling support.

Provisional Psychologist,

2012 - 2012

University of Tasmania Psychology Clinic

In this role, I delivered Cognitive Behavioural Therapy to adults, children, and families. I also provided cognitive assessments and reports, and delivered a "Cool Kids" program aimed at supplying children and their parents with skills and psychoeducation aimed at reducing the functional impact of childhood anxiety.

References

Dr Kristen Webb Foss, Clinical Lecturer, Tasmanian School of Medicine

Dr Ekaterina Lebedeva, *Lecturer*, Australian National University



Boyapati Computer Science and Mathematics Prize

2016

for First Year, Australian National University 🗷

Awarded for the highest marks in two first year Computer Science courses and two first year Mathematics courses.

Deputy Dean (Education) Commendation,

2016

Australian National University 🛮

Awarded to students who achieved High Distinction at the level of 90% or higher in all Science subjects.