Aaron Willcox

Address: 53 Vicki Street, Forrest Hill VIC 3131
Phone: 0439510546 | **Email:** aaron@willcox.io | **Website:** www.willcox.io | **LinkedIn**: linkedin.com/in/aawillcox/

Career Profile

Currently finishing 3rd year Bachelor of Psychological Science with the view to do part time honors 2020. Competent critical thinking, problem solving, data and statistical analysis skills. Interests include data wrangling with R and research into neurodevelopmental disorders. I also have leadership, management and business experience. Currently seeking a position as a research assistant.

Employment History

Internship   July 2018 - October 2018
Cognitive Neuroscience Unit, Deakin University

- Mirror imaging brain study
- Electroencephalography (EEG) recording equipment setup
- Extensive experience preparing EEG recording electrodes for recording
- Interacting professionally with participants
- Sterilization of EEG cap and electrodes
- Human Research Ethics Training

Technical Manager   August 2017 – February 2018
Carnarvon Civic Centre

- Facilitate production procedures
- Upgrade sound and lighting systems to digital
- Integrate digital solutions into existing infrastructure
- Develop operational procedures
- Deliver audio visual protocol standards for future upgrades

Manager/Sole Trader   January 2014 – August 2017
Epic Sounds Studio

- Audio and video processing
- Digital asset management
- Production development and Design
- Audio visual integration and architectural design
- IT consultant for streaming and conference systems

Technical Supervisor   February 2003 – January 2014
Queens Park Theatre, City of Greater Geraldton

- Supervision and delegate bump in/outs of events with a team
- Set deployment
- Lighting and Sound operation
- Upgrade and maintain complex audio-visual infrastructure
- Training and supervision of new workers

Education

Bachelor of Psychological Science   January 2016 - Current
Deakin University, Burwood campus

- Expected completion end of 2019
- Report Writing
- Proficient in Literature Searching
- Competent Data Interpretation and Analysis
- Excellent Team Work Skills

Maastricht University Netherlands   January 2019 – July 2019
Study Visa

- Understanding of neuroscience methodologies
- Designed a behavioural study on Pattern Separation
- Learned logistic regression, Item Response Theory and PCA
- Maintain confidential participant database

Certificate III Micro Business Operations   January - November 2015
Enterprise Startup Service WA
- Develop a business proposal
- Financial planning
- Determine resource requirements
- Comply with regulatory, taxation and insurance requirements
- Deliver and monitor records
- Develop a marketing budget

Central West College TAFE   February 2000 – March 2001
Certificate IV, Microtechnology
- IT and Network Topologies
- Electronics
- PCB Etching and Soldering
- Basic C++ and Machine code

Transferable Skills

- Communication
- Teamwork
- Critical Thinking
- Problem Solving

- Project Management
- Conflict Resolution
- Social Media Management
- Statistical Analysis (GLM, ANOVA, PCA)

Technical Skills

Hardware
- EEG/TMS
- Crestron Control Systems
- Polycom Presentation Systems
- Computer and Electronics Troubleshooting
- Restricted Electrical License
- Manual License

Software
- R Language (Data Analysis/Reporting)
- MatLab
- Linux/OSX/Windows
- Microsoft Office
- E-Prime
- SPSS

Professional Development

Facilitator RepliCATS workshop   **July 2019**
Rotterdam, Netherlands
- Test a custom platform, as well as the deployment of the IDEA protocol to crowdsource assessments about the replicability of research claims in the social and behavioural sciences.

Society for Improvement of the Psychological Sciences 2019 Conference   **July 2019**
Rotterdam, Netherlands
- Attended workshops on utilizing R to reproduce workflows, Meta-Analytics degrees of freedom, Un-conference discussions and creating standards for datasets.

SatRday Paris   **February 2019**
Paris, France
- Community-led, regional conferences to support collaboration, networking and innovation within the R community.

Referees

Mr Michael Do
Associate Lecturer in Psychology
Deakin University, Burwood
03 9251 7234
m.do@deakin.edu.au

Dr Mathew Ling
Lecturer in Psychology
Deakin University, Burwood
03 924 46475
m.ling@deakin.edu.au