

James Licciardi

Electrical & Electronic Engineer

About me... I am currently in my final (5th) year of a Bachelor of Engineering at The University of Adelaide, completing my Honours Thesis in Electric Vehicle motor control.

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Nov 2018 - Aug 2019

Apple Technical Specialist

Certified Technical specialist, providing support for customers at the Rundle Place Apple Store in Adelaide. Customer feedback advocates my ability to explain issues in 'people terms', while still finding a solution quickly. Management have commended my learning agility and self motivation in progressing my skills and knowledge in the field.

May 2019 - Jul 2019

Enerven Engineering Consultant

Participation in a lighting Audit of the Salisbury area. Data collection and analysis, requiring deduction through logical analysis.

Aug 2015 - Dec 2018

Edinburgh Hotel & Cellars Gaming Attendant & Bar tending

Certified gaming manager with more than 3 years of experience behind the bar, I was congratulated on my attention to detail and self-management. My initiative in this position led me to monitoring and analysing data, allowing me to provide the best experience for customers while maximising hotel profit.

Oct 2012 - July 2016

Adelaide Computer Technology IT & Customer Service

Building new machines, troubleshooting issues within closed and open networks, installing upgrades and ensuring back-ups systems were in place and functional. My linux and MacOS knowledge allowed me to expand the company's reach of potential support.

Jan 2015 - Sept 2017

GA Entertainment Bar tending & Stock Management

Stocking bars and ensuring events ran smoothly by effectively working collaboratively in a team based environment. This experience enabled me to display my ability to learn quickly in a fast paced environment.

Other Work Athletics SA Official
 Woolworths (Produce)
 Mercedes College Maths Tutor
 WOMAD Bartender
 Mercedes College Coach
 Athletics SA Certified Coach

2015 – Apr 2020	University of Adelaide - Electrical Engineering - Computer Sciences
2017 – 2018	University of British Columbia - Electrical Engineering - Computer Sciences
2002– 2014	Mercedes College - IB Diploma (ATAR: 97.5) - Physics, Chemistry, Maths, Economics, English, French

Vehicles	Self developed E-Board and E-Bike! These projects have allowed me to develop many skills and enhance my understanding of core concepts.
Server	A Linux Server with ever-growing functionality. I constantly add new features, such as automation and Web Hosting.
AUMT	Involvement with the Adelaide University Motor Sport Team. Battery Management System and LiPo pack from scratch for the Electric Car.

Tech	E-Vehicles, Automation, Energy Management, Electronic Repairs, Arduino, Server Maintenance, Web Programming
Sport	High-Jump, Volleyball
Music	Piano, Guitar

Platforms	macOS, Linux, Windows
Languages	C++, CSS, HTML, JavaScript, Java, jQuery, MySQL, PHP, Python, R
Programs	LabView, Latex, MATLAB, Simulink, Trello

Contacts available upon request.