

James Licciardi

Electrical & Electronic Engineer

About me... I have just finalised my studies in a Bachelor of Engineering and Computer Sciences at The University of Adelaide with the completion of my Thesis on motor control within Electric Vehicles. I am now looking to further my career in the Renewable Energy Sector.

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Work Experience

Nov 2018 - Sept 2019

Apple Technical Specialist

I am a trained and certified Technical specialist, providing support and direction for customers at the Rundle Place Apple Store in Adelaide. Customer feedback advocates my customer service skills and 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.

Aug 2015 - Dec 2018

Edinburgh Hotel & Cellars Gaming Attendant & Bar tending

I am certified to manage a gaming room and I have more than 3 years of experience behind the bar developing friendly relationships with customers. I was congratulated on my attention to detail and self-management. My initiative in this position led me to monitoring data and analysing profit timelines, allowing me to aid management in providing 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. Identification of my unique Linux and macOS skills 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/Coach
Woolworths (Produce)
Mercedes College Maths Tutor/Coach
WOMAD

Education

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

Projects

Vehicles Self-developed E-Skateboard and an 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 purposes, such as automation and Web Hosting.
AUMT Involvement with the Adelaide University Motor Sport Team.
Thesis Development of the Field oriented Control (FOC) method of brushless permanent magnet motor control for Electric Vehicles.

Hobbies & Achievements

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

Software Skills

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

Referees

Contacts available upon request.