

ELSOC Newsletter

Term 2 - - Week 9

From: ELSOC President
To:ug_all; EETstaff; ELSOC Industry Executive

Tue 23-Jul-24 11:24 PM

Dear EET Students and Staff,

Welcome back to *Current Issues* - our Week 9 issue of Term 2, brought to you by ELSOC's Publications team. Hope the study grind has been treating you all well and read on to find out more about some cool projects and helpful advice from our very own ELSOC Executive - JOE LI!

PAST EVENTS

Intro to LaTeX workshop

The stellar workshops team have delivered a much needed LaTeX workshop for students, and we were glad no one was *LaTe* for the workshop, else they would have missed out on the awesome introduction to super cool functions that can make your future assignment writing experience 10x easier. Stay tuned in future for more workshops if you missed out or want to learn the hacks from our experienced workshops team.

Soldering workshop

The workshops team have done it again with another HOT soldering workshop. Sparks were flying (only metaphorically of course) as our workshop team showed attendees how it was done and attendees got a chance to learn how to solder using perfect technique. Your future ELEC course convenors will thank you for attending this workshop.

Industry night

A huge shoutout goes to the industry team for what was truly a 10/10 industry night! The roundhouse was packed to the brim with industry representatives, eager students and our hospitable ELSOC team handing out refreshments. The likes of Head of Engineering Prof Julian Epps were in the house and the room was buzzing with conversations about internship programs and LinkedIn connections were being made left right and centre. Stay tuned and follow ELSOC's socials to be notified of closing dates of upcoming internship programs and make sure to follow ELSOC's LinkedIn page!

UPCOMING EVENTS

■ Beer and Pizza Night ■



!!Stress no longer 😊 !!ELSOC's Beer and Pizza night is here for your well-deserved break 😊 as Term 2 heats up 🔥😓. You don't want to miss the free drinks 🍷 and pizza 🍕. As well as the lovely company of all the electrical besties 😊 that can't wait to see you there 😊.

📅 Date: Thursday Week 9 (25/7/24)

🕒 Time: 18:00 - 20:00

📍 Location: TBA (stay tuned to our Facebook)

■ BBQ Fried Rice ■



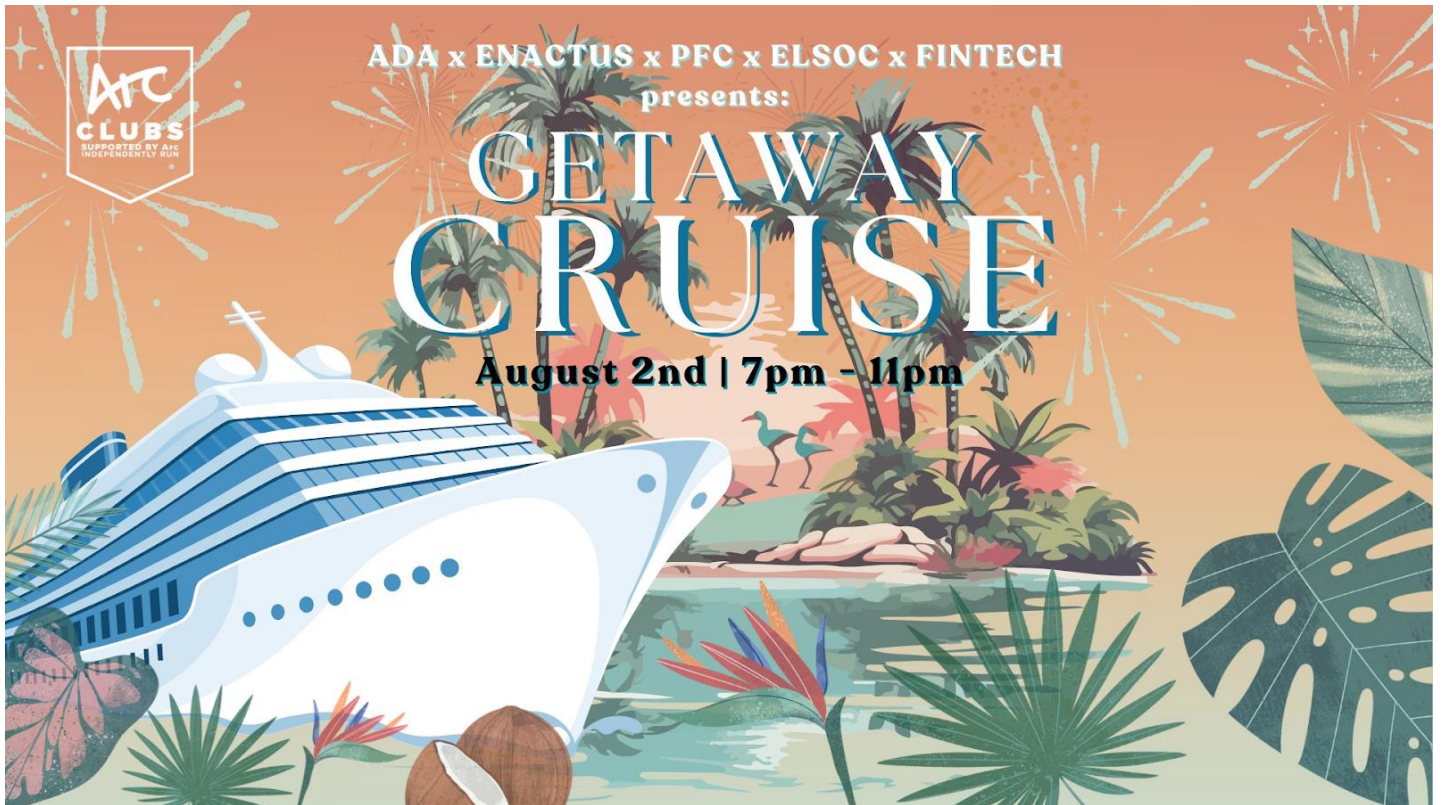
Get ready ELSOC ✂ is delivering another FRIED RICE BBQ 😊😊 At the Globe Lawn in Week 10. There will be delicious 😊 Fried Rice prepared delicately by the ELSOC chefs 🔥. Come enjoy the feast and the wonderful company of all your electrical besties. 🤖♂

📅 Date: Tuesday Week 10 (30/7/24)

🕒 Time: 12:00 - 14:00

📍 Location: Globe Lawn

■ Getaway Cruise ■



All ahoj 🌊! Set sail 🚢 under a blanket of starry skies ✨🌌 and let loose 🎉 on our getaway cruise 🚢! Let the beats 🎵🎶 of our live DJ ignite ❤️🔥 your spirit 🌀 and transform the deck into a dance floor 🕺🕴️ under the coastal night 🌸🌙. And as the evening unfolds, join us for an exhilarating 🎉 afterparty 🎉 at WAO, where the fun continues against a backdrop of ✨shimmering✨ seas 🌊 and summer dreams . Cruise is back on 2nd August 🗓️! Get excited for a magical 🌸 sun-kissed night of vacation 🌴 on the open waters of the Sydney Harbour!

Ticket link: <https://forms.gle/6TyCbc5hYWiX8hQq5>

More info: <https://www.facebook.com/share/6fmu8EZD5H8MA1ze/>

📅 Date: 2nd August, Friday

🕒 Departure Time: 19:00

📍 Location: TBD

■ Thevenin Bee ■



Do YOU want to flex your circuit analysis skills? Ω Are YOU a master of mental maths? $- \times \square + \div$ Then mark your calendars for ELSOC's Thevenin Bee – the ultimate challenge where your electrical engineering skills take centre stage! Just like a spelling bee, but with circuit analysis and maths questions, this competition will put your knowledge to the test in a fun and exciting way.

Don't let your nodal and mesh skills fly under the radar any longer- compete for amazing prizes and the title of Thevenin Bee Champion. Come find glory and mingle with your favourite electrical besties on Friday Week 10.

📅 Date: 2nd August, Friday

🕒 Time: 14:00 - 16:00

📍 Location: OMB G32

INDUSTRY OPPORTUNITIES

Make a Difference to the Global Energy Transition with Aurora Energy Research

From its academic roots, Aurora Energy Research is a thriving, rapidly growing company, currently serving over 600 of the world's most influential energy sector participants, including utilities, investors, and governments.

Still curious about why Aurora is the right place for you? Here are some facts to help you with your decision!

- The company is active across the globe, operating in Asia-Pacific, Latin America, Europe, and North America.
- The teams across 14+ offices provide leading organisations with market intelligence, bespoke analytic and advisory services, and cutting-edge software solutions.
- Aurora houses a diverse team of experts with vast energy, financial, and consulting backgrounds, covering power, hydrogen, carbon, and fossil commodities.
- Apart from in Sydney and Melbourne, Aurora offers its Graduate Programs in Oxford, Berlin, and Austin, with new student opportunities coming soon.
- You will always feel part of the community with various groups and clubs at Aurora, some of which include Women at Aurora, Aurora Pride, Analyst Society and more!

Learn more about Aurora's Australia Graduate Analyst Program here: <https://auroraer.com/australia-analyst-2025/>

Discover what Life at Aurora is like on Instagram: <https://www.instagram.com/lifeataurora/>

Kickstart your Career in the Energy Industry with Aurora's Graduate Program

The application window for Aurora's Analyst Graduate Program in Sydney and Melbourne is now OPEN!

The 18-month experience-based program is designed to provide:

- Accelerated training in how energy markets work
- Involvement in live client projects
- An opportunity to contribute to some of the most influential reports in the industry
- A chance to build up your toolkit of analytical, teamwork, and communication skills

Submit your application today: <https://auroraer.com/australia-analyst-2025/>

The application window closes on 1 September 2024 at 11:59pm (AEST).

Discover what Life at Aurora is like on Instagram: <https://www.instagram.com/lifeataurora/>

🏆 INTERVIEW WITH JOE LI 🏆



Joe Li is ELSOC's Workshops Executive, and is infamous for his many side projects, not to mention his iconic hat. We asked Joe some questions to learn more about his passion for his projects and his degree!

What is your degree and what made you choose it?

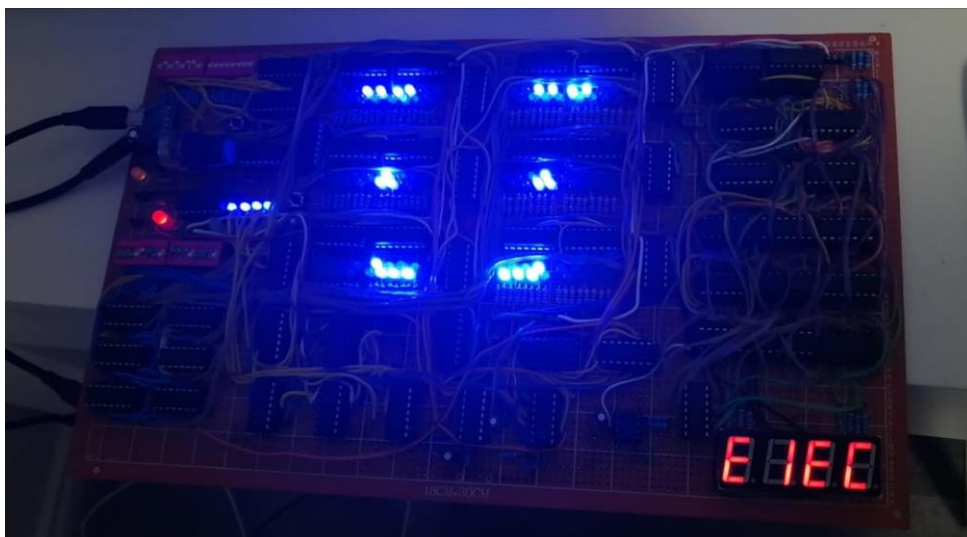
I'm doing Electrical Engineering (BEME). I chose it because I liked math in high school and like building stuff in general. I chose ELEC for the challenge! (and currently eating up my decision)

As the ELSOC Workshops Executive, you have a passion for creating various projects. Which has been your all-time favourite?

My hat is my all time favourite. It's not the most impressive design, but it has bought me a lot of stories and gave me a unique personal style of my own.

Which project has been the most challenging and why?

My most challenging design is the Seri-lator. It is a project between me and my friend Freya. It is a serial operated computer from scratch (IC chips) and it's built with all content knowledge from ELEC2141. The most challenging part is finding out what went wrong in a 20 inch perfboard. Not to mention the amount of soldering and desoldering. The project took 5 months and is still on going. Our next goal is to design it in PCB sections and make it turing complete.



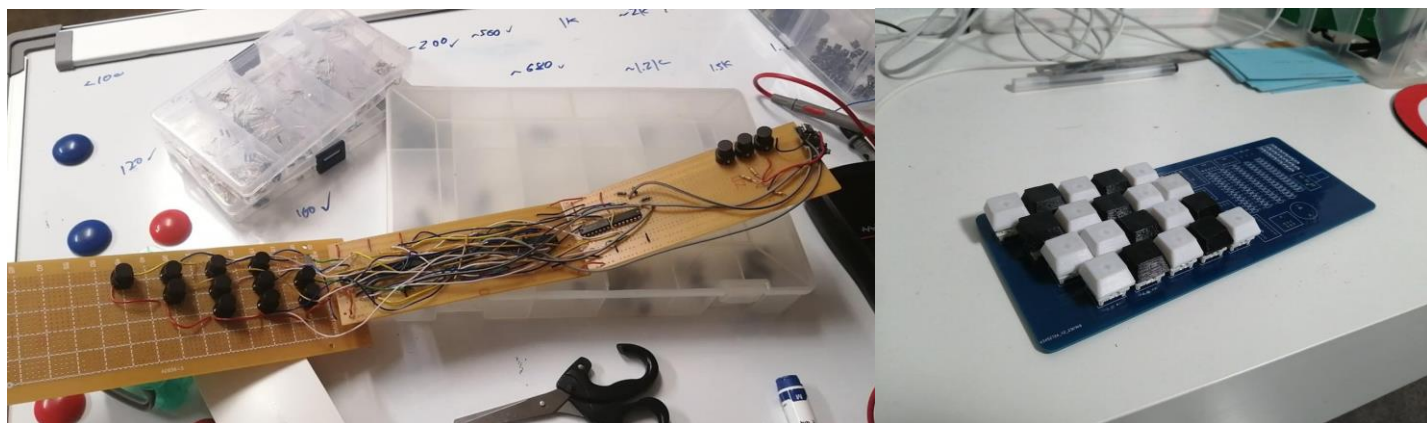
Can you tell us a bit about your website and why you created it?

My website can be found by searching "Joe Li" on google (flex not intended). It is written in HTML-CSS-javascript to flex on people using website builders. It has info about me and some games written in javascript. It is also used to display stuff I want to show people. Under the Academics sections, I put stuff that people may find useful for their ELEC courses.

The website was initially written for a tutoring (business) "Swaplet Seas" and it has ultimately failed due to lack of market demand and my interest to continue. To preserve some of the effort I've put into this project, I've turned the tutoring website into my personal website and have been occasionally updating it.

Do you have any advice for students interested in creating projects similar to yours?

My advice is to do it (rather than just saying you will do it) and be prepared to fail. ELEC courses have taught us actual content and its labs have shown us stuff actually works. I think it's great to use these concepts with our imaginations and find ways to be cool and do what we want. It's one thing we as elec eng have and other degrees probably won't.



♣ THANK YOU FOR READING ♣

That's all for this time. ELSOC wishes you the best of luck for the end of term!

Stay Grounded,

Brielle Papadopoulos | she/her | **President**

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The Electrical Engineering & Telecommunications Society

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