

FEIT Internship Program

Example Electrical Engineer position description

Intern Power Systems Engineer

About the organisation - Max 70 words

Rest Solutions is one of Australia's leading professional consulting firms with a dedicated focus on power systems engineering. Our team of technical experts provides innovative and specialist solutions to utilities, renewable developers and government organisations. We have the largest Power Systems focus team of engineers in Australia, with close to 80 engineers dedicated to being at the leading edge of our power system transition.

We are proud to offer students an opportunity to be part of Australia's important transition in shaping the future of the energy industry through our Future Grids team. We have the largest Power Systems focus team of engineers in Australia, with close to 60 engineers dedicated to being at the leading edge of our power system transition. It is an extremely rewarding experience to be a part of the Australia and New Zealand energy transition. Being surrounded by experts with a wealth of knowledge helps to accelerate and empower our graduates in reaching their professional goals. Our program aims to develop and empower young engineers with the necessary skills to meet the challenges in power system engineering in Australia and New Zealand. Our program provides a highly rewarding experience that exposes you to new technologies and analysis techniques, enabling you to become an expert in the industry and an integral part of a team with a reputation for quality and integrity. As part of our team, you will have opportunities to develop extensive technical knowledge and experience in power systems analysis and modelling, renewable energy systems, technical report writing, data analysis, research, and collaboration with team members to deliver projects to a high standard. This program is offered as casual position to students with flexible hours to accommodate the successful candidate's study schedule, or full-time employment for graduate engineers. The candidate will have the opportunity to gain valuable experience working on real-world projects in the power systems and renewable energy sectors, as well as the potential for long term ongoing employment following completion of the program. We're seeking a highly motivated and passionate individual who shares our commitment to shaping the future of the energy industry. The ideal candidate will have a master's degree in electrical engineering or Power Systems Engineering Renewable Energy or Power Systems Engineering.

Candidates will have strong demonstrable academic results through their academic transcript, candidates with current GPA of Distinction level and above will be given preference. We are looking for people who can work well in a team environment, has well-developed communication skills, and can demonstrate the ability to learn new skills used in the delivery of major renewable energy projects.

We value that each of our team members brings something different to at Rest Solutions Engineering. We have people who have had a broad range of experiences throughout their careers and can demonstrate how they have worked as part of a team to bring your ideas to life.

What are the key skills you anticipate students will develop whilst undertaking the internship? (50 word minimum to 70 word maximum)

- Conduct power systems analysis and modelling using software such as PSS/E, PSCAD or PowerFactory
- Assist in the design and development of renewable energy systems
- Collaborate with team members to ensure project deadlines are met and deliverables are of a high standard
- Develop extensive technical knowledge and experience
- Get exposure to what it takes working on some of Australia's biggest and most exciting renewable energy projects.

Is there anything else we need to know about the opportunity?

At Rest Solutions our people are our most important asset. When you join us, you will connect and collaborate with a network of experts. We invest and nurture our talent, enabling you to succeed and achieve your full potential. We offer:

- A team culture that is diverse, inclusive, and supportive. Our aim is to encourage and support you in leading and achieving your goals.
- A flexible working environment that acknowledges the importance of work-life-study balance. We provide various options for flexible working, allowing you to better manage your personal, professional, study and family commitments.
- A learning environment that prioritizes ongoing development and growth. We provide access to training courses and 'Lunch and Learn' sessions run internally by industry experts that will enable you to pursue a fulfilling career with purpose.
- Competitive pay and benefits, excellent working conditions, and competitive remuneration, commensurate with skills, experience, and capabilities.
- We reward work ethic, dedication and talent, not just time in industry and will support you on every rung on your career ladder.
- As a leader in power solutions across the utilities, renewables, and resources sectors, we provide the opportunity to work on some of the most exciting projects in the industry, with access to current and leading technologies. We are an equal opportunity employer that fosters a culture of equity, diversity, and inclusion. We encourage and support our employees to bring their unique talents, backgrounds, and expertise to the table to create exceptional outcomes. Whether you're working from a Rest Solutions office, remote location, or at a client site, you will be working in a dynamic environment where your integrity, determination, and technical expertise are championed.