

Sample Resume Engineering

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SWINBURNE
UNIVERSITY OF
TECHNOLOGY

NOTE: Do NOT copy this resume. Do NOT use header or Swinburne logo. We recommend looking at a range of resumes to gather ideas for designing your own. Remember that your resume needs to be tailored to the role you are applying for.

RACHEL ENGINEER

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Career Objective

Robotics and mechatronics engineering graduate seeking a broad based industrial automated systems engineering position. I possess robotic systems design experience together with strong financial, analytical and problem solving skills.

Qualifications

- | | |
|------|--|
| 2018 | Bachelor of Engineering (Robotics & Mechatronics)
Swinburne University
Credit Average |
| 2010 | Diploma of Business – Accounting
Holmesglen Institute of TAFE |

Engineering Technical Skills

- Sound knowledge of the operation of programmable logic controllers and industrial robots
- Experience combining various elements of automation to create manufacturing productivity improvements systems
- Good understanding of the principles of digital signals and image processing
- Experience with advanced technologies including laser based technology, plasma based technology, water jet technology and non-contact measurements and inspection
- Experience in control and automation systems design

Engineering Projects

Sep – Nov 2017

Design of Control System Swinburne University

Individual project focused on the design of an automated control system for a computer aided bending and rolling machine.

- Carried out concept development
- Produced prototype design specifications
- Programmed in Java
- Achieved a Distinction

Mar – May 2017

Design and Programming of an Automated System Swinburne University

Group case study which included an analysis of the design requirements for the manufacture of a turnkey control system.

- Analysed the electrical control system design
- Developed a hardware and software development proposal
- Completed drawing development and documentation element of the project
- Completed basic programming using C++
- Achieved a Distinction

Engineering Employment

Aug 2016 – current

Test Analyst Z Engineering, Richmond

Small engineering firm specialising in robotics and mechatronics systems

- Test components for installation in mechatronics systems
- Program electronic control systems using C++

Dec 2014 – Mar 2016

Rolling Machine Operator Ablex Engineering, Malaysia

Manufacturer of metal structures and parts.

- Operated a flat rolling machine to fabricate handrails and engine struts
- Carried out spot welding
- Worked in a team to strict deadlines

Professional Development

Feb 2017

Quality Systems Awareness ISO9001 – VECCI

Nov 2016

GIS 3D Workshop – Engineers Australia

Professional Memberships

2018 – current Engineers Australia - Member
2016 – 2017 Engineers Australia – Student Member

Accounts Employment

2012 – 2014 **Assistant Accountant**
Hudson Constructions, Balwyn

2010 – 2012 **Accounts Clerk**
Corporate Health Inc., Camberwell

Key Skills Summary

Computer Skills

- Computer Design and Analysis – AutoCAD, LT, MathCAD, Qbasic, MS Mathcad6
- Programming – Java, C++
- Operating Environments – MS Windows 7, XP, 2000
- Microsoft Office – Excel, Word, Project, PowerPoint

Analytical and Problem Solving Skills

- Analytically focused as demonstrated in engineering laboratory sessions where complex data analysis is undertaken to determine appropriate computer aided design requirements.
- Strong problem solving demonstrated in resolving diagnostic testing issues when new machines were installed at Zero Engineering.

Communication Skills

- Strong presentation skills demonstrated when presenting final year engineering project to industry panel and received positive feedback on my ability to convey technical information in an accessible manner.
- Achieved high marks for all university written assignments, including a Distinction for a detailed documentation proposal for an automated system development project.

Organisational Skills

- Effective time management skills developed through my bookkeeping roles which involved the management of a large client caseload, where I regularly coped with competing deadlines and tasks.
- Experienced in systematically breaking large tasks into smaller tasks and developing a project timeline. In my current Test Analyst role I was responsible for the successful introduction of a new computer system which involved the transfer of three old-data bases onto a new system, in a short time frame.

Budgeting, Financial and Administrative Skills

- Experienced with budgeting, bookkeeping and use of SAP systems gained during six years employment in finance related roles.
- Improved administrative and work flow systems in machine shop at Ablex Engineering via computerisation of job scheduling.

Interests

- Computer programming
- Restoration of a HQ Holden
- Trading shares
- Basketball – Team Captain of Wildcats
- Fitness

Referees

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