

# Anton Sekula

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By appointment only

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## SUMMARY OF SKILLS AND ATTRIBUTES

- I am hard-working and committed to high quality performance which can be proven by my excellent university results which resulted in me achieving first-class honours standard with a high-distinction average. I bring this high-achieving attitude to anything in life I attempt including work performance which can be confirmed by any of my referees.
- I have a strong belief that communication and teamwork are the keys to the success of any project. This has resulted in me becoming the preferred project leader in my classes due to the excellent project results I achieved, and the sense of confidence that was built in students who worked with me.
- My myriad of international experiences covering 5 continents has built global views, a mature attitude and life experience:
  - My study in the USA allowed me experience the quality teaching provided by one of the highest regarded engineering colleges in the world. The trip also allowed me to better understand American culture and by becoming a distinguished member of the Institute of Industrial Engineers (UW-M 2006). I now have networks with good friends who work throughout the country.
  - My work experience in Canada, USA, England and Australia means I can easily adapt to international business systems.
  - My travel experience in South Africa allowed me to network with entrepreneurs in a developing country who build their businesses within an economy facing worldwide economic pressure, 3<sup>rd</sup> world poverty and unemployment.
  - My strong sense of initiative can be proven by my totally independent organisation of every overseas holiday, study or work trip I have taken to date.
- A large amount of group-work experience, often in a leadership role, has developed my ability to properly assess the direction of a project at any stage and take constant measures to fine-tune its direction. This cannot be done without knowing and respecting the different skills, experience and personalities of all team members involved. My SMED project at Placon in 2006 required me to lead a team of students and post-graduates with a large variance of skills and motivation level, and achieve an excellent outcome that resulted in a senior university award.
- I had the opportunity to put many of my key core industrial engineering skills to the test during my time at Mackay Multilink in 2006:
  - I was involved in a training program to educate and encourage by example the benefits of the use of the 5S process throughout the assembly factory.
  - I developed a flow chart of the processes involved in creating a trailer; identified areas of improvement; undertook a pareto analysis to determine the best cost-benefit ratio; and designed, planned and managed the movement of an important manufacturing process within the workflow of the assembly factory, reducing the wastage of 12 man-hours of labour a day.
- Well-developed organisation skills come from the knowledge and experience of their necessity:
  - In my tutoring experience in 2007 I was required to demonstrate my knowledge of MS Project while teaching second year students.
  - I used MS Outlook with much success at Mackay Multilink in 2005, and at Scooterden in 2006. MS Outlook is a fantastic organisational tool that allows colleagues to organise meetings and timetables and share knowledge with ease.
- The ISO 9001:2000 standard is a very effective guideline in developing properly engineered and maintained systems to the world's best-practices. My thesis experience in 2007 at the Victorian Government Reporting Service allowed me to work towards developing systems to allow the organisation to achieve ISO9001:2000 compliance.
- I have great pride in what I have achieved to date and am excited in anticipation of the further challenges to be faced in developing my career.
- I find great enjoyment in seeing a job well done and followed to completion.

## ASSOCIATIONS

- Institute of Industrial Engineers USA (distinguished member 2006 UW-Madison)
- Institute of Industrial Engineers Australia (ex-Monash student representative)
- Monash Industrial Engineering Society (ex-president)
- Monash Engineering Student Society
- Monash Exchange Club
- APESMA

## EDUCATION

**Feb 2003 – Nov 2007**                      **Monash University**                      **Caulfield & Clayton, VIC, Australia**  
**Bachelor of Engineering (Industrial Engineering and Engineering Management)**

- First-class honours (high-distinction average).
- Exxon-Mobil best performing student award for 2004.
- Whole 1st year and first half of 2nd year built a solid multidisciplinary technical engineering skills base.
- Second half of 2nd year to the end of 4th year teaches traditional Industrial Engineering skills such as lean manufacturing, time studies, line balancing, statistical control, logistics and supply chain optimisation, TPM, inventory control and factory design.
- Engineering Management is a section of the course that teaches other practical business skills such as total quality management, finance, marketing and performance measurement.

**Aug – Dec 2006**                      **University of Wisconsin**                      **Madison, WI, USA**  
**Senior Level, Bachelor of Engineering (Industrial and Systems Engineering)**

- Completed a student exchange program whereby studying full-time for a semester resulted in exposure to a range of different cultures, methodologies and ideas within Industrial Engineering.
- Made social, academic and professional links with American faculty, students and local industry.
- Very high academic results including best-in-class for two units.

**2002**                      **Vermont Secondary College**                      **Vermont, VIC, Australia**  
**Year 12 Victorian Certificate of Education (High School Certificate)**

- Victorian Certificate of Education with an excellent result - ENTER of 96.85.

## UNIVERSITY RELATED PROJECT WORK

**Mar 2007 – Nov 2007**                      **Victorian Government Reporting Service**                      **Melbourne, VIC, Australia**  
**Final Year Thesis / Project Officer**

- VGRS provides legal services to the Department of Justice courts in Melbourne.
- Thesis developed, trialled and implemented alternative solutions to sub-standard processes and procedures to achieve conformity with ISO 9001:2000.
- Part 1 involved the development of an automated survey which created useful KPIs for management feedback. Part 2 utilised Value Stream Mapping to visualise then simplify the transcript production system.

**Aug – Dec 2006**                      **Placon Corporation**                      **Madison, WI, USA**  
**Final Year Student Project**

- Leader of a 4 member group of final year IE students and an IE postgraduate student working on a productivity improvement project with the guidance of a University Professor.
- The project utilised SMED techniques to reduce changeover times for thermoforming machines producing plastic packaging.
- The project achieved 3rd place in the yearly Ratner Prize which awards the best senior projects in Industrial Engineering at the University of Wisconsin-Madison.

**Aug – Dec 2006**                      **Placon Corporation**                      **Madison, WI, USA**  
**Student Project**

- Combined in a group of 3 other class members to use Arena, a computer simulation program, to model production in a new cleanroom built to produce medical-grade packaging.
- The simulation results report determined the company's labour requirements and space requirements of the new cleanroom.

**Jul – Oct 2004**                      **Elfin Sports Cars**                      **Braeside, VIC, Australia**  
**Student Project**

- Group Leader of an 8 member multidisciplinary student group consisting of 2 marketing students, 2 accounting students, an industrial designer and 3 industrial engineers.
- Project was to re-design the Elfin Clubman Type 3 kit car including: sourcing of new brakes, steering and drivetrain components; redesign of the exterior panels and lights to suit new, larger Toyota engine; redesign of interior; detailed market research to prove marketability of proposed design; and a full costing of the project.
- Large and difficult project to coordinate, but managed to obtain a high academic result, and present a fantastic concept to the company director.

**24-26 September 2004      Weir-Warman Design and Build Competition      Sydney, NSW, Australia**  
**Monash University Caulfield Representative**

- Member of a two-person team whose design was chosen to compete in the Australian finals in Sydney.
- Final placing 7th overall, from a total of 20 universities.

**March – Jun 2004      GM Holden      Port Melbourne, VIC, Australia**  
**Student Project**

- Completed a second year engineering project in the GM Holden foundry at HEO, Fishermens Bend.
- Acted as an assistant to a fourth year thesis student for the first half of his project and compiled a report summarising my initial investigations into improvements to the current process, supported by detailed supply and usage figures.

## PROFESSIONAL WORK EXPERIENCE

**Mar 2007 - present      Vative / Iveco Trucks      Dandenong, VIC, Australia**  
**Industrial Engineer - Trainee**

- Involved with projects at Iveco trucks to improve manufacturing efficiency as a member of Vative, a consulting firm based in eastern Melbourne.
- Gathering and organisation of BOM and routing data for input into new SAP system.

**July – Dec 2005      Mackay Multilink      Chelsea Heights, VIC, Australia**  
**Student Manufacturing Engineer**

- Mackay Multilink manufactures high-end steel boat trailers.
- Worked directly with management team - primarily with company director Kevin Nestadt, an experienced industrial engineering consultant. Kevin was an excellent mentor and helped me to utilise my academic knowledge to improve the quality, safety and productivity of the company.
- Also worked closely with Steven Ferrugia who is the director of Vative and also an experienced manufacturing consultant. Bouncing ideas off an experienced engineer and soaking up his knowledge was extremely valuable.
- Involvement in over 20 projects during 6 months experience including:
  - Introduction of a quality monitoring process on the assembly line and improving the quality inspection process. This resulted in a reduction of final inspection faults by over 80%.
  - Introduction of a First Off Approval quality inspection system in the Welding factory which resulted in improved traceability and accountability and reducing faulty products.
  - Pioneered the transformation of the company into an environment which promotes the importance of gathering and sharing of information between all staff members. This involved developing systems and scoreboards to record production figures, faults, injuries, absences, and other important data. Also presenting this data to convey the "current score" of the company to its employees.
  - Project leader on the design and development of an aluminium trailer.
  - Involved in a training program to educate and encourage by example the benefits of the use of the 5S process throughout the assembly factory.
  - Member of the development team of the redesign of both factory layouts. Project leader on step one of the factory movement which involved the coordination of the movement of an assembly activity between factories during a busy production week. This relocation eliminated the need for a production buffer as it forced one piece flow and greatly improved productivity by freeing up at least 12 man-hours of labour per day.
  - Led an investigation into the effects of galvanising dust and welding fume on employee's health, and the development of measures to reduce exposure.

## UNIVERSITY WORK EXPERIENCE

**Semester 2, 2007      Monash University      Clayton, VIC, Australia**  
**Tutor**



## **INTERESTS AND ACTIVITIES**

- Accomplished Lacrosse player with overseas playing experience and a great love for the game.
- Interested in all things engineering – mechanics, technology, architecture, and management techniques.
- Interested in developing my managerial skills particularly in the areas of knowledge management within a company as well as the management of intellectual capital amongst its employees.
- Interested in working to re-engineer our society for a more sustainable future.
- A love for all types of outdoor activities including skiing, snowboarding, mountain biking and hiking.
- A love for travel, anywhere and everywhere.