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| **Objective**  Acceptance into a masters in science in engineering at the university of Stellenbosch | | | | |
| EDUCATION | | | | |
|  | **University of Cape Town – Cape Town, South Africa** | | |  |
|  | **Bachelor of science in Mechatronic Engineering** | | | Graduated 2013 |
|  | **Final GPA =** 64% | | |  |
|  | **Related Course Work:** Control Theory, Circuit Design, Power  Electronics and Machines, Digital Electronics, Energy Utilization, Dynamics,  Professional Communication, Project Management, Social Infrastructures,  Industrial Ecology, Industrial Law, Robotic Design, Fuzzy Logic, New Venture Planning, Applied Mathematics. | | |  |
|  | **Honors Thesis:** “Force measurement instrumentation design for hexapod robot” | | |  |
|  | | | |  |
|  | **Pretoria Boys High School – Pretoria, South Africa** | | |  |
|  | **Matric Results** | | | Matriculated 2009 |
|  | Mathematics - 94%  English – 75%  Afrikaans – 65%  Life Orientation – 70%  Physical Science – 75%  Civil Technology – 60%  Accounting – 92%  Advanced Mathematics – 93%  **Average – 78%** | | |  |
| Languages | | | |  |
| English – Native Language.  Afrikaans - Speak, read and write with competence. | | |
| AWARDS | | | | |
|  | **Undergraduate CSIR Bursary** | | 2010 – 2013 | |
| EXPERIENCE | | | | |
|  | **CSIR – *Materials, Sciences and Manufacturing ~ Mechatronics and Micro Manufacturing*** | | | |
|  | Vacation Work Student. | | | **2010 - 2013** |
|  | During university holiday each year (June-July, December-January),  would assist senior engineers with updating libraries, extensive soldering  and simple schematic and PCB design. | | | |
|  | **CSIR – *Materials, Sciences and Manufacturing ~ Mechatronics and Micro Manufacturing*** | | |  |
|  | Full time employee.  Technician and Junior Design Engineer. | | | **2014 - Present** |
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| SKILLS AND ABILITIES | | | | |
|  | Committees | | |  |
|  | **Smuts Hall Residence Entertainment Committee** | | |  |
|  | Member. | | | 2010 |
|  | Organize events such as the Smuts Annual Formal and all residence activities/events. | | |  |
|  |  | | |  |
|  | **UCT Aquatics/Waterpolo Club** | | |  |
|  | Head of the Internal Waterpolo League. | | | 2011 |
|  | The internal league is run in the first term of every year and managed to bring  in R18 000 for the club in 2011.  **Pretoria Old Boys Waterpolo Club**  Head of fund raising for the 2014 season. | | |  |
|  | Waterpolo | | |  |
|  | **Pretoria Boys High School** | | |  |
|  | Starting First Team Player. | | | 2008-2009 |
|  | End of 2009 ranked 4th in the country. | | |  |
|  |  | | |  |
|  | **Northern Gauteng Aquatics** | | |  |
|  | U17A Side. | | | **2008** |
|  | U19A Side.  Selected for South African Schools B-Side end of 2009. | | | **2009** |
|  | Men’s Currie Cup side**.** | | | 2013 |
|  | **University of Cape Town** | | |  |
|  | First Team Player. | | | 2010-2011 |
|  | National champions consecutive years. | | |  |
|  | **Pretoria Old Boys Waterpolo** | | |  |
|  | Premier League Player. | | | 2014 |
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| References: | | |
| 1. | Robyn Verrinder  Lecturer/Supervisor  UCT  Rondebosch  Cape Town, 7701  robyn.verrinder@uct.ac.za | Relationship: Lecturer and thesis supervisor at UCT from 2010-2013 |
| 2. | Peter Bosscha  Senior Design Engineer  CSIR  Beyers Naude Drive  Pretoria, 0081  012 841 3090  PBosscha@csir.co.za | Relationship: Research Group Leader at CSIR from 2010 - Present |
| 3. | Dawid Oosthuizen  Design Engineer  CSIR  Beyers Naude Drive  Pretoria, 0081  012 841 2622  DOosthuizen@csir.co.za | Relationship: Mentor and Senior Engineer at CSIR from 2012-Present |
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