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| **Objective**  Acceptance into a masters in science in engineering at the university of cape town | | | | |
| 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, Fuzzy Logic, New Venture Planning, Applied Mathematics. | | |  |
|  | **Honors Thesis:** “Force measurement instrumentation design for hexapod robot”  **Thesis Result:** 57% | | |  |
|  | | | |  |
|  | **Pretoria Boys High School – Pretoria, South Africa** | | |  |
|  | **Matric Results** | | | 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  R  [e-mail] | 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: Senior Engineer 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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