Keegan Crankshaw
12 January 1995
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Education	***BSc Electrical and Computer Engineering*** University of Cape Town, Western Cape, South Africa Expected date of graduation: December 2018 ***Alexander Road High School*** Port Elizabeth, Eastern Cape, South Africa 7 Matric Distinctions - Letter of Recommendation available

Computer Skills

Languages and frameworks: Java, Python, Assembly for ARM, SQL, C, C++, C#, JavaScript, HTML, CSS, Verilog

Software and suites: Xamarin, MeteorJS, Microsoft Office Suite, Quartus, Atollic, Vivado.

Operating Systems: Linux Ubuntu, Windows

Employment History

Developer, University of Cape Town   *Currently held*
- Develop and integrate improvements to an online registration tool used by student advisors

Tutor, University of Cape Town   *Currently held*
- Tutoring first year electornics course, assisting in labs and marking

Co-founder and Lead Developer, Hello World Code   *2016*
- Develop and Maintain software and Mobile Applications for a variety of clients
- Manage day to day business operations

Computer Sales and Repairs   January & December 2015
Computer Gadgets, Port Elizabeth, Eastern Cape
- Repaired and sold computers and laptops
  Letter of Recommendation available.

Mobile Developer   June 2014
New Media Labs, Cape Town
- Developed a native Android application for a website the company has running using a framework called Xamarin.
  Letter of Recommendation available.

Skills & Values

- Creative problem solving
- Scout skills - Survival, First Aid, etc.
- Ability to function well as a team member, as well as individually
- Passion, dedication and strong work ethic

- Self-motivated and self-reliant
- Ability to remain calm and dependable in stressful situations
- Time management
- Continual willingness to improve and learn
- Good social skills (maturity, respectfulness, politeness)

Awards &
Achievements

University
- 2017 - Dean's Merit List
- 2017 - Member of the winning team of the 2017 All African Ultimate Club Championship in Nairobi, Kenya
- 2017 - South African u24 Ultimate Frisbee Team Member
- 2014/15/17/18 - Allan Gray Orbis Candidate-Fellow
- 2015 - Cited in an Academic Research Paper, Multiple-time Prize winner on instructables.com, Winner of internal Intel Design Challenge
- 2014 - Dean's Merit List

High School
- 2013 - Honours for Service to the School, Alma Mater Award for Service to the School, Dominy Award for Creativity and Linguistic excellence in English, NMMU Award for First in IT, Gold Award and top 100 for De Beers English Olympiad, 3rd place GMMDU Maths and Science Development Program, Academic Honors
- 2012 - Academic Colors, De Beers English Olympiad Silver Award, 2nd Place NMMU Programming Challenge, Marlene Morgan Award for Contribution to School Journalism
- 2011 - Best display at School Maths Fair (John Conway's Game of Life), First for IT, Fifth in Grade Overall

Community and
Involvement

Leadership
- 2017 - Vice-Chairperson, UCT Ultimate
- 2016 - CEO and Co-Founder, *Hello World Code*
- 2015 - Co-Captain of Ultimate Frisbee Team
- 2013 - School Prefect and House Captain
- 2012 - Editor-in-Chief of AlexPress, the school's newspaper
- 2011-13 - President of Amateur Radio Society and School Science Club
- 2009-12 - Patrol Leader at First Sunridge Scout Group
- 2008 - Deputy Head Boy (Clarendon Park Primary, Port Elizabeth)

Community and Service
- 2008-12 - Member of the South African Scouting Association
- 2012 - Completed the Cederberg Senior Scouting Adventure
- 2011 - Community Service Project at Rietberg Primary in Kirkwood, involving creating a vegetable patch and painting the school.
- Completed and passed 11th Gilcoast Patrol Leadership Training Unit
- 2008 - Lee trophy for Service to the School (Clarendon Park Primary, Port Elizabeth)