

Kieren Davies | Curriculum Vitæ

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Available online at <https://github.com/kierendavies/cv>

Education

International School of Hout Bay	South Africa
<i>IGCSE, International Certificate of Education with Distinction</i>	<i>2007–2008</i>
<i>International Baccalaureate, 35 points</i>	<i>2009–2010</i>
University of Cape Town	South Africa
<i>B.Sc. Mathematics and Computer Science</i>	<i>2011–2014</i>
Dean's merit list	
<i>B.Sc. (Hons.) Computer Science</i>	<i>2016</i>
Thesis topic: test-driven development for ontology engineering	

Work Experience

SKA Africa	South Africa
<i>Science processing intern</i>	<i>Dec 2010–Feb 2011</i>
Praekelt Foundation	South Africa
<i>Software developer intern</i>	<i>Jul 2011</i>
Teach Me 2	South Africa
<i>Software developer intern</i>	<i>Dec 2011–Feb 2012</i>
Krit	South Africa
<i>Software developer intern</i>	<i>Jun 2012–Jul 2012</i>
Facebook	California, US
<i>Software engineer intern</i>	<i>Dec 2012–Feb 2013</i>
Developed internal tools for Hadoop Distributed File System.	
Oracle	South Africa
<i>Software developer intern</i>	<i>Jun 2014–Jul 2014</i>
Developed a Vagrant plugin to use Oracle Cloud as a virtualization provider.	
Amazon	South Africa
<i>Software development engineer intern</i>	<i>Jun 2013–Jul 2013</i>
Integrated internal tools into a web frontend.	
<i>Software development engineer intern</i>	<i>Nov 2013–Feb 2014</i>
Developed a framework and automated service for metric aggregation and reporting.	
<i>Software development engineer intern</i>	<i>Nov 2014–Aug 2015</i>
Developed and maintained numerous internal operational tools.	
Jumo	South Africa
<i>Data science intern</i>	<i>Oct 2015–Jan 2016</i>
Assisted with infrastructure and data storage. Designed and developed internal microservices and APIs.	
Booking.com	Netherlands
<i>Software developer</i>	<i>Jan 2017–present</i>

Achievements

Primary Mathematics World Contest <i>South African team</i>	Hong Kong 2005
UCT Mathematics Olympiad <i>Gold award</i>	South Africa 2006–2010
Interprovincial Mathematics Olympiad <i>Western Cape team</i>	South Africa 2006–2009
South African Mathematics Olympiad <i>Finalist</i>	South Africa 2007–2010
Eskom Science Expo <i>Silver medal</i>	South Africa 2006
<i>Gold medal</i>	2008
South African Computer Olympiad <i>Finalist</i>	South Africa 2009
<i>Silver medal</i>	2010
International Olympiad in Informatics <i>South African team</i>	Thailand 2011
ACM International Collegiate Programming Contest <i>World finalist</i>	Russia 2014

Community Involvement

UCT Algorithm Circle <i>Deputy chair, volunteer lecturer</i> Student society aimed at spreading interest and knowledge of advanced computer science, with weekly classes on various topics.	South Africa 2009–2013
UCT Shuttleworth Computer Lab <i>Committee member, administrator</i>	South Africa 2012
Umonya <i>Volunteer</i> Non-profit organisation which hosts free courses on Python programming for high school students.	South Africa 2011–2013
South African Computer Olympiad <i>Scientific committee</i> Set problems and managed technical aspects of the contest.	South Africa 2011–2012
International Olympiad in Informatics <i>Deputy team leader</i>	Italy 2012