Kieren Davies | Curriculum Vitæ

Amsterdam − Netherlands

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

Education

University of Cape Town	**South Africa**
B.Sc. Mathematics and Computer Science	*2011–2014*

Including courses in applied mathematics, statistics, and physics. Dean's merit list.

B.Sc. (Hons.) Computer Science	*2016*

Thesis: *Towards Test-Driven Development of Ontologies: An Analysis of Testing Algorithms*.

Selected work experience

Zivver	**Netherlands**
Engineering manager	*Jan 2020–present*

Growing and managing a cross-functional team of 8 back-end, front-end, and QA engineers. Building and launching a new integrated document signing product. Remote.

Software engineer	*Jul 2020–Jan 2020*

Back-end security and scalability for a messaging product. Remote.

Independent View	**Netherlands**
Senior quantitative developer	*Jan 2019–Feb 2020*

Automated futures trading and reporting system.

Booking.com	**Netherlands**
Software developer	*Jan 2017–Jan 2019*

Localisation: user-facing webapp features targeting emerging markets.
SEO Infrastructure: tooling, big data processing, and statistical analysis for SEO experimentation.
Cloud Infrastructure: greenfield orchestration layer for managing Google cloud services with Kubernetes.

ODEM	**Netherlands**
Blockchain developer	*Feb 2018–Jul 2018*

Smart contracts for the Ethereum blockchain. Freelance, remote.

Amazon Web Services	**South Africa**
Software development engineer intern	*Nov 2014–Aug 2015*

Numerous internal operational tools.

Facebook	**California, US**
Software engineer intern	*Dec 2012–Feb 2013*

Internal tools for Hadoop Distibuted File System.

(Omitted: 9 internships, 2010–2016)

Publications

K. Davies, C. M. Keet, and A. Ławrynowicz, "More effective ontology authoring with test-driven development and the TDDonto2 tool," *International Journal on Artificial Intelligence Tools*, 2019.

Achievements

ACM International Collegiate Programming Contest	**Russia**
World finalist	*2014*
ACM International Collegiate Programming Contest	**South Dakota, US**
World finalist	*2017*