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**

Lead software engineer — *Oct 2021–present*
Improving the security and scalability of the messaging platform, leading the back-end guild, and maintaining a long-term technical vision and roadmap. Remote.

Engineering manager — *Jan 2021–Oct 2021*
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.

Senior software engineer — *Jul 2020–Jan 2021*

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, SEO experimentation tooling, and cloud orchestration.

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*