

Niklas Hambüchen

Date of birth: 8 March 1991

Citizenship: German

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Education

- 2010 – 2014 [Imperial College London](#) – MEng Computing, First Class Honours
Thesis: *Building-scale interior 3D reconstruction with KinectFusion*
- 2001 – 2009 [Gymnasium Otto-Kühne-Schule, Germany](#) – Abitur / Grade 1.0

Awards

- [Microsoft Research Prize](#) for an outstanding Master's project
- [German National Computing Competition](#) – 2nd place / top 10 out of 547
- [German National Academic Foundation](#) – Scholarship

Work experience

- 2015 - present [Benaco](#)
Co-founder. Bootstrapped startup into profitability.
From-scratch development of various Computer Vision pipelines.
Full involvement in all company operations, programming and business development.
- 2015 - 2019 [FP Complete](#)
Consulting, software development and training for various companies.
Management and technical leadership. Projects:
- Distributed cancer treatment simulations
- Economics optimisations
- GHC compiler improvements
- Cryptocurrency R&D, implementation and audits
- 2014 [Google](#)
Implemented job filtering logic for Google's open-source cluster management tool: wikipedia.org/wiki/Ganeti
- 2013 [Tsuru Capital Singapore Ltd](#)
Options trading simulations, reporting, latency reduction.
- 2012 [University of Nottingham](#)
Emotion detection with EEGs.
- 2011 [Google](#)
Worked on Google CodeSearch.

Skills

I am experienced in modelling real world problems, creating projects and managing teams, and choosing tools and infrastructure.

I enjoy understanding problems from the business down to the transistors, and like to share what I've learned in tech talks. I co-organise larger programming conferences such as ZuriHac. Over the last 20 years, I have contributed to hundreds of open-source projects.

Languages

English (fluent), German (native), Spanish (basic), French (basic)