# MARTIN KRISTIEN

## Personal Information

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|---|---|
| Email | martin.kristien@gmail.com |
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## Academic Background

**PhD Student in Computer Science (Edinburgh)** — Sep 2018 -Now
- Dynamic Binary Translation for Simulation of Multi-core Systems

**MSc in Computer Science with Distinction (Edinburgh)** — Sep 2017 - Aug 2018
- Mitigating JIT compilation latency in Virtual Execution Environments

**BSc in Computer Science 1st degree (Edinburgh)** — Sep 2013 - May 2017
- Computer Architecture, Operating Systems, Compilers, Embedded Systems

**International Baccalaureate (Bratislava)** — Sep 2011 - May 2013
- 43/45 with 777 in Higher Level Computer Science, Mathematics and Physics

## Work Experience

**Software Engineer, HMH s.r.o., Bratislava** — Jun 2017 - Sep 2017
- Writing modular libraries and drivers for several IO peripherals (CAN, SPI, USB)

**Software Engineer, Synopsys, Inc.** — Jun 2016 - Aug 2016
- Implementing block and network device virtualisation in an instruction set simulator

**Teaching Support, The University of Edinburgh** — Sep 2014 - Now
- Tutor, Teaching Assistant, and Marker for several undergraduate courses

**Software Engineer, Infopro, Bratislava** — Jun 2015 - Aug 2015
- Creating web server providing interface between an e-bookshop and a backend database

**Software Engineer in DangerFarms, London** — Feb 2015 - May 2015
- Creating web applications using mainly AngularJs, Django

## Achievements, Skills, and Interests

- Best MSc Dissertation prize

- JP Morgan Prize and Class Prize for best overall performance in BSc Computer Science

- Recipient of Coca-Cola Scholarship - one of the most prestigious undergraduate scholarships

- Leading software engineer in HYPED - Edinburgh University society competing in SpaceX Hyperloop Pod Competition (3 year finalist)

- Experience with C++, Java, Python, Matlab, Prolog, Haskell, Assembly, Verilog, VHDL, Javascript, AngularJs, Django, D3JS, Git, Html, LaTeX

- Experience with Windows and Linux working environments, and embedded development

- Volunteering in INFPals, peer support program at The University of Edinburgh

## References

| **Employer** | **Academic Supervisor** |
|---|---|
| Dr Igor Böhm, Synopsys Inc. | Dr Björn Franke, The University of Edinburgh |
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