Stefania Damato

Curriculum Vitæ

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Education

2019 – 2020 **M.Sc.**, *University of Nottingham*, Computer Science.
Expected classification: Distinction
Thesis Title: Constructing Simple and Mutual Inductive Types
Supervisor: Prof. Thorsten Altenkirch

2015 – 2019 **B.Sc. (Hons)**, *University of Malta*, Mathematics and Computer Science.
Final classification: Upper Second Class Honours
Mathematics Dissertation Title: The Cantor–Bernstein Theorem
Supervisor: Prof. David Buhagiar

2013 – 2015 **MATSEC Matriculation Certificate**, *St Aloysius' College Sixth Form, Birkirkara, Malta*.
Advanced (*A-level*): Pure Mathematics (A), Computing (A).
Intermediate (*equivalent to AS-level*): Accounting (A), Maltese (A), Physics (B), Systems of Knowledge (B).

2008 – 2013 **MATSEC O-Levels**, *Immaculate Conception, Tarxien, Malta*.
11 O-levels with grades A–B.

Awards and Scholarships

2020 **Endeavour Scholarship**, *M.Sc. in Computer Science*, University of Nottingham.
Awarded a scholarship to pursue my master's degree by the Endeavour scholarship scheme, which supports tertiary education and is administered by the Ministry for Education and Employment in Malta, and is part-financed by the European Union.

2019 **BehAPI Summer School**, Leicester, UK.
Offered a fully-funded place at the BehAPI Summer School organised by the University of Leicester. This consisted of a week of theoretical and practical sessions on the concept of behavioural APIs, with talks from academia and industry on topics such as session types, runtime verification, and cybersecurity (`https://bit.ly/3848nSp`).

Professional Experience

2020 – **Simply VC**, Balzan, Malta.
Software developer role focused on the development of blockchain applications using the Cosmos SDK.

2019 **University of Malta**, *Faculty of ICT*, Imsida, Malta.
Three month summer internship at the University of Malta as a research assistant. Worked on the implementation of controllability of monitors under the supervision of Prof. Adrian Francalanza.

2018 **Ascent Software**, Luqa, Malta.
Three month summer internship in industry writing software in C++ to test low-level drivers for control units used in cars. Created Bash scripts to automate the running of these tests.

2017 **Atlas Insurance**, *IT Department*, Ta' Xbiex, Malta.
Three month summer internship in industry through the MITA student placement programme. Developed software in C# and wrote documentation for the AtlasSMS mobile phone messaging service, which had a Microsoft SQL Server database backend. Used SQL to connect, query and update this database. Used Visual Studio as an IDE.

2016 **Office of the Prime Minister**, *Energy and Projects*, Pietà, Malta.
Three month summer internship in a governmental institution through the MITA student placement programme. My duties included setting up basic IT tasks for inventory in an office setting.

Talks and Presentations

Oct 2020 **Constructing Simple and Mutual Inductive Types**.
Finalist in Research Spotlight Competition, 14th London Hopper Colloquium, Online.

Oct 2020 **Constructing Simple and Mutual Inductive Types in Agda**.
Agda Implementors' Meeting XXXIII, Online.

Skills

My github profile is available at `github.com/stefaniatadama`.

Programming Languages.
Strong in: Agda, Haskell, Python, C, C++, Java, TEX and LATEX.
Comfortable with: SQL, HTML, MATLAB, Mathematica.
Have some experience with: Erlang, Go, VHDL.

Operating Systems.
Linux (Ubuntu), Windows.

Languages

- Maltese and English **C2** (*mother tongues*)
- Italian **C1**
- French **B1**