24 Ottways Lane, Ashtead, Surrey, KT21 2NZ
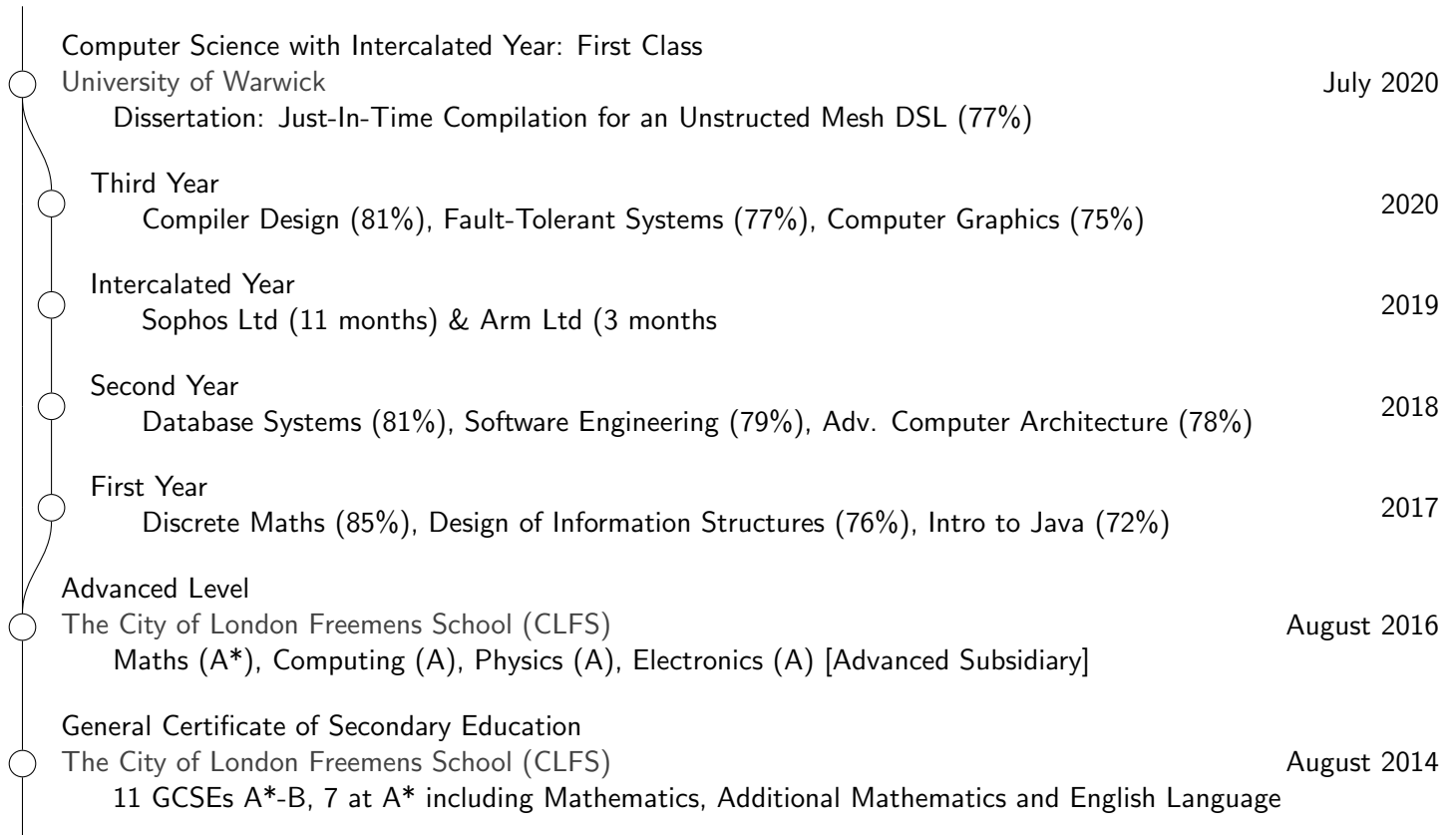N.Dunne@warwick.ac.uk — 07473451007

Nathan Dunne

I am a graduate of Computer Science from The University of Warwick, finishing in 2020. During my course I took an intercalated year to work as an Intern at Sophos Ltd, and at Arm Ltd. I consider myself a dedicated and hardworking proffesional, with a positive attitude and a desire to improve that helps me to quickly develop new skills.

Education

Computer Science with Intercalated Year: First Class
University of Warwick   July 2020
Dissertation: Just-In-Time Compilation for an Unstructed Mesh DSL (77%)

Third Year   2020
Compiler Design (81%), Fault-Tolerant Systems (77%), Computer Graphics (75%)

Intercalated Year   2019
Sophos Ltd (11 months) & Arm Ltd (3 months

Second Year   2018
Database Systems (81%), Software Engineering (79%), Adv. Computer Architecture (78%)

First Year   2017
Discrete Maths (85%), Design of Information Structures (76%), Intro to Java (72%)

Advanced Level
The City of London Freemens School (CLFS)   August 2016
Maths (A*), Computing (A), Physics (A), Electronics (A) [Advanced Subsidiary]

General Certificate of Secondary Education
The City of London Freemens School (CLFS)   August 2014
11 GCSEs A*-B, 7 at A* including Mathematics, Additional Mathematics and English Language

Employment

Summer Intern Embedded Software Engineer   June 2019 - August 2019
ARM Ltd.

- Assigned to the Clamshell team to work on optimisation of the Chromium web browser.

- Took over an investigation from a graduate into a Google framework that could allow greater performance for the chromium binary based on its branching patterns.

Placement Year Software Engineer   July 2018 - June 2019
Sophos Plc.

- Assigned to the Fasttrack team to work as Development for Global Escalations Support.

- Investigated customer and internal product issues when code analysis or a higher level of technical understanding was needed, requiring me to learn a number of debugging tools, as well as quickly become familiar with new code bases in .Net, C++ and C for different components.

Technical Skills

Programming	Scripting	Source Control	Operating Systems	Productivity	Debugging
C++/C	Python	Git	Linux/UNIX	Visual Studio	gdb
Java	Bash	Perforce	Windows	Microsoft Office	WinDBG
JavaScript	PowerShell			LibreOffice	SysInternals
Ada	Lua			LateX/BibTeX	WireShark

Volunteering

Project Leader   October 2016 - June 2018
Warwick Technology Volunteers

- Planned, coordinated and lead sessions for school age students aimed at inspiring them to utilise technology creatively rather than simply consuming it. Our sessions involved either Scratch or Arduino as a platform, and usually consisted of assisting the students through a set of resources weve created.

- Also advertised the project to fellow uni students to gain more volunteers and run more sessions, and provided training for the volunteers, to ensure a sufficient level of technical knowledge for them to lead school sessions themselves.

- This greatly improved my confidence, communication, presentation giving, and teamwork & leadership skills.

Interests

- **Rock Climbing**
  Indoor Rock Climbing and Bouldering
  Warwick Climbing Club Member 2016 - 2020

- **Charity Fundraising** (Warwick RAG)

  UK 3 Peaks Challenge: >£600 for *The Meningitis Research Foundation*
  Mount Kilimanjaro Trek: >£3400 for *The Meningitis Research Foundation*
  Skydive: >£400 for *Alziemers Research UK*

- **Powerlifting/Olympic Weightlifting**
  Warwick Barbell Member 2018 - 2020

- **Technical Theatre**
  Lighting design for productions of *Speed Death of the Radiant Child*, *Cabaret*;
  Executive Committee member for Warwick Tech Crew 2017-2018.

References

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