Emmanuel Morfiadakis

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EDUCATION

2014 - 2018   **Bachelor of Advanced Computing (Honours)**
Australian National University, ACT (Graduated in July 2018)
Major: Computer Engineering
Grade Average: High Distinction

Key Subjects:

- Computer Science
- Programming
- Software Engineering
- Software Analysis and Design
- Applied Mathematics
- Electrical Engineering
- Digital Systems and Communications
- Data Analysis and Management
- Machine Learning
- Project Management
- Entrepreneurship and Innovation

Awards:

- First Class Honours
- My undergraduate thesis, titled "*LZ77 decoding with use of a Graphics Processing Unit*", attracted a mark of 90/100.
- Contributed to the design of an automated water management system for use in rural Nepal, as part of the Engineers Without Borders (EWB) challenge. Our proposal was among the top 5 at the ANU.
- Proposed a new venture business plan for solving the problem of parking at the ANU. Our proposal was ranked third among a class of 25 teams.

2013   **ACT Year 12 Certificate**
Narrabundah College, ACT (Graduated in November 2013)
Major: IT and Specialist Mathematics
ATAR: 95.10

Awards:

- Award for achieving the top course score in English as a Secondary Language for Academic Purposes.
- Won a 3D modelling competition and had my work presented on the college website.

WORK EXPERIENCE

July – Nov 2017
(3 days per week)

Tutoring – The Australian National University

- Assisted in organising student-run tutorial sessions, aimed at helping students struggling with course material.
- Had to communicate with others, present information in a simple and effective manner, deliver presentations, and interact with people from different cultural backgrounds.

Jan 2016 – Feb 2017
(Internship)

PairFit – Canberra

- Worked as a software developer intern for PairFit, a startup based in Canberra
- Main goal revolved around building a Social Fitness platform for Android and iOS devices.
- Apart from constructing software, I also had to talk to users, elicit requirements, work as part of a team, and develop business acumen, among others.

Nov 2012 – Feb 2013
(Part time work)

Sales Assistant (In training) **– Lanyon Post Office, CONDER 2906, ACT**

- Maintained stock control daily.
- Handled packages and parcels.
- Served customers and handled payments.

Overseas voluntary work – Municipality of Volos, Greece

Aug – Oct 2007
(2 days per week)

- Reforestation program, consisted of planting trees and creating an irrigation system in order to improve the natural beauty of the surrounding area.

PROFESSIONAL ATTRIBUTES AND SKILLS

- Highly developed analytical and research skills – as a result of ongoing academic studies
- Great oral and presentation skills
- Great teamwork and peoples' skills – gained through various team projects and assignments
- Superior time management and prioritisation skills– from balancing studies and part-time work/volunteering
- Excellent self-organisation skills, as evidenced by my academic performance
- Proficient with MATLAB, Solidworks, Verilog for engineering design
- Proficient with the Java, C, Python for software design
- Good level of competency with Haskell, Ada, x86 and Bash for software design
- Proficient with JavaScript, HTML, CSS and AngularJS for website design
- Superior level of competence in using the Microsoft Office suite and LaTeX for producing documents
- Proficient with all major computer and smartphone/tablet operating systems (tech wiz)
- Proficient with digital audio, video and image editing by using tools such as Adobe Photoshop, Adobe Premiere, Audacity, GIMP and Adobe Flash

VOCATIONAL QUALIFICATIONS

- Certificate I in Business BSB10107
- Certificate II in Business BSB20107
- Certificate II in Creative Industries CUF20107
- Certificate II in Information, Digital Media and Technology ICA20111

LANGUAGES

- **Greek**: Native language
- **English**: Excellent writing, reading and speaking skills
- **French:** Intermediate writing, reading and speaking skills