

ADAM MACLEOD

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adam@macleod.id.au

Computer Scientist

OVERVIEW

Motivated Software Developer with high regard for neatness, organisation and quality of code. A strong focus on finding the most elegant solution that satisfies the given requirements in a simple, clean and consistent fashion.

EDUCATION

BCompSc Bachelor of Computer Science 2008-2009

Monash University, Clayton

WAM (Weighted Average Mark) 83.31% – High Distinction Average
GPA (Grade Point Average) 3.79 – Maximum possible 4.0

BE(ECSE) Bachelor of Engineering (Electrical & Computer Systems Engineering) 2005-2007

Monash University, Clayton

Transferred to BCompSc in 2007 to maximise interest in career of choice

Victorian Certificate of Education 1999-2004

Cranbourne Secondary College

Successfully completed with an ENTER score of 91.3

TECHNICAL SKILLS

Operating Systems Linux (Ubuntu, Debian), Windows, Mac OS X

Languages Perl, Python, C#, HTML, CSS, JavaScript

Database Systems PostgreSQL, MySQL, SQLite

CORE SKILLS

- Lifelong interest in computers and electronics providing a strong problem solving aptitude and an easily expanded knowledge base of self-taught skills and knowledge.
- Confident written and verbal communication skills highlighted and developed by a successful completion of an Industry Based Learning placement.
- Excellent code structure and organisation, stemming from a strong belief that comments are as important as code and allow for easier maintenance.

AWARDS AND ACHIEVEMENTS

| | |
|--|--------------------|
| Second highest VCE mark of graduating class | 2004 |
| Monash University Scholarship for Excellence and Equity | 2005 - 2008 |
| Placed first in FIT1008 Computer Science | 2008 |
| Deans Achievement Award (Undergraduate) Awarded to the top 30 IT Undergraduates across the entire faculty. | 2009 |
| Industry Based Learning Placement Scholarship | 2009 |
| Placed first in FIT3127 Industry Based Learning | 2009 |
| Australian Computer Society (ACS) Student Award | 2009 |

WORK HISTORY

| | |
|--|--------------------|
| Software Developer Streamline Solutions CRM Solutions Provider | 2010 – 2011 |
| <i>Technologies Involved</i> ASP.NET (C#) – SQL Server 2005/2008 – IIS – SVN | |
| Software Development (Contract) Huntingtower School K-12 Education Provider | 2010 |
| <i>Technologies Involved</i> Microsoft .NET (C#) – Microsoft JET OLEDB 4.0 – FileHelpers .NET CSV Library | |
| Industry Based Learning Placement Streamline Solutions CRM Solutions Provider | 2009 |
| <i>Technologies Involved</i> Microsoft .NET - Microsoft SQL - JavaScript(jQuery) – HTML – Windows Network Management | |
| Kmart Register Operator – Layby Operator – Extended Trade Manager | 2003 - 2008 |

ACADEMIC TRANSCRIPT

| Course: BACHELOR OF ENGINEERING (0032) | | | | | | | | |
|--|-----------|------------|----------------------------------|-----------------|---------------|------|-------|--|
| Year | Unit code | Unit level | Unit title | Teaching period | Credit points | Mark | Grade | |
| 2005 | ENG1020 | 1 | ENGINEERING STRUCTURES | 1 | 6 | 80 | HD | |
| 2005 | ENG1040 | 1 | ENGINEERING DYNAMICS | 1 | 6 | 81 | HD | |
| 2005 | ENG1070 | 1 | FOUNDATION CHEMISTRY | 1 | 6 | 81 | HD | |
| 2005 | ENG1090 | 1 | FOUNDATION MATHEMATICS | 1 | 6 | 94 | HD | |
| 2005 | ENG1010 | 1 | MOMENTUM, MASS AND HEAT TRANSFER | 2 | 6 | 67 | C | |
| 2005 | ENG1030 | 1 | ELECTRICAL SYSTEMS | 2 | 6 | 85 | HD | |
| 2005 | ENG1060 | 1 | COMPUTING FOR ENGINEERS | 2 | 6 | 87 | HD | |
| 2005 | ENG1091 | 1 | MATHEMATICS FOR ENGINEERING | 2 | 6 | 71 | D | |

| Course: BACHELOR OF ENGINEERING (ELECTRICAL AND COMPUTER SYSTEMS) (1015) | | | | | | | | |
|--|-----------|------------|--|-----------------|---------------|------|-------|--|
| Year | Unit code | Unit level | Unit title | Teaching period | Credit points | Mark | Grade | |
| 2005 | ENG1020 | 1 | ENGINEERING STRUCTURES | 1 | 6 | - | - | |
| 2005 | ENG1040 | 1 | ENGINEERING DYNAMICS | 1 | 6 | - | - | |
| 2005 | ENG1070 | 1 | FOUNDATION CHEMISTRY | 1 | 6 | - | - | |
| 2005 | ENG1090 | 1 | FOUNDATION MATHEMATICS | 1 | 6 | - | - | |
| 2005 | ENG1010 | 1 | MOMENTUM, MASS AND HEAT TRANSFER | 2 | 6 | - | - | |
| 2005 | ENG1030 | 1 | ELECTRICAL SYSTEMS | 2 | 6 | - | - | |
| 2005 | ENG1060 | 1 | COMPUTING FOR ENGINEERS | 2 | 6 | - | - | |
| 2005 | ENG1091 | 1 | MATHEMATICS FOR ENGINEERING | 2 | 6 | - | - | |
| 2006 | ECE2011 | 2 | SIGNAL PROCESSING | 1 | 6 | 66 | C | |
| 2006 | ECE2041 | 2 | TELECOMMUNICATIONS | 1 | 6 | 80 | HD | |
| 2006 | ECE2061 | 2 | ANALOGUE ELECTRONICS | 1 | 0 | 44 | N | |
| 2006 | ECE2071 | 2 | COMPUTER ORGANISATION AND PROGRAMMING | 1 | 6 | 92 | HD | |
| 2006 | ECE2021 | 2 | ELECTROMAGNETISM | 2 | 6 | 59 | P | |
| 2006 | ECE2062 | 2 | SWITCHING ELECTRONICS | 2 | 6 | 75 | D | |
| 2006 | ENG2092 | 2 | ADVANCED ENGINEERING MATHEMATICS B | 2 | 6 | 72 | D | |
| 2007 | ECE2061 | 2 | ANALOGUE ELECTRONICS | 1 | 6 | 59 | P | |
| 2007 | ECE3092 | 3 | SYSTEMS ENGINEERING AND RELIABILITY ANALYSIS | 1 | 6 | 65 | C | |
| 2007 | ECE3093 | 3 | OPTIMISATION ESTIMATION AND | 1 | 6 | 51 | P | |

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|--|--|--|-------------------|--|--|--|--|
| | | | NUMERICAL METHODS | | | | |
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| Course: BACHELOR OF COMPUTER SCIENCE (2380) | | | | | | | |
|--|-----------|------------|---|-----------------|---------------|----------|-------|
| Course status: COMPLETED | | | | | | | |
| Award title: Bachelor of Computer Science | | | | | | | |
| Year | Unit code | Unit level | Unit title | Teaching period | Credit points | Mark | Grade |
| UNIT LEVEL FOR SECOND YEAR UNDERGRADUATE PROGRAM | | | | | 12 | | |
| UNIT LEVEL FOR FIRST YEAR UNDERGRADUATE PROGRAM | | | | | 24 | | |
| | FIT2008 | 2 | NETWORKS AND DATA COMMUNICATIONS | N/A | 6 | EXEMPTED | |
| | MAT1841 | 1 | MATHEMATICS FOR COMPUTER SCIENCE 1 | N/A | 6 | EXEMPTED | |
| | FIT1002 | 1 | COMPUTER PROGRAMMING | N/A | 6 | EXEMPTED | |
| | FIT1001 | 1 | COMPUTER SYSTEMS | N/A | 6 | EXEMPTED | |
| 2008 | FIT1008 | 1 | COMPUTER SCIENCE | 1 | 6 | 95 | HD |
| 2008 | FIT2001 | 2 | SYSTEMS ANALYSIS AND DESIGN | 1 | 6 | 74 | D |
| 2008 | FIT2010 | 2 | DATABASE | 1 | 6 | 71 | D |
| 2008 | FIT3086 | 3 | IT PROJECT MANAGEMENT | 1 | 6 | 86 | HD |
| 2008 | FIT2004 | 2 | ALGORITHMS AND DATA STRUCTURES | 2 | 6 | 83 | HD |
| 2008 | FIT2014 | 2 | THEORY OF COMPUTATION | 2 | 6 | 76 | D |
| 2008 | FIT2022 | 2 | COMPUTER SYSTEMS 2 | 2 | 6 | 90 | HD |
| 2008 | MAT1830 | 1 | MATHEMATICS FOR COMPUTER SCIENCE 2 | 2 | 6 | 89 | HD |
| 2009 | FIT3127 | 3 | INDUSTRY-BASED LEARNING | 1 | 18 | 86 | HD |
| 2009 | FIT3014 | 3 | ANALYSIS AND DESIGN OF ALGORITHMS | 2 | 6 | 83 | HD |
| 2009 | FIT3077 | 3 | SOFTWARE ENGINEERING: ARCHITECTURE AND DESIGN | 2 | 6 | 86 | HD |
| 2009 | FIT3081 | 3 | IMAGE PROCESSING | 2 | 6 | 84 | HD |

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| Grade point average (GPA) and Weighted average mark (WAM) | | |
| Course | GPA | WAM |
| BACHELOR OF COMPUTER SCIENCE | 3.79 | 83.31 |
| For an example of how the Grade Point Average (GPA) and Weighted average Mark (WAM) are calculated, please refer to http://adm.monash.edu.au/service-centre/academic-transcripts.html | | |