



SALINA DHUNGEL

PROFILE

Currently in my penultimate year of studying Computer Systems Engineering at the University of Auckland.

I would love to find a job where I get the chance to work towards something that will have an impact on people's lives and to see how I can contribute to this fast-paced, influential industry. I have always had a fascination for technology and my enthusiasm for everything I do definitely shines through in my work.

SKILLS

While studying I have had the opportunity to learn...

I have also spent some of my own time learning...

| | |
|--------|-----------|
| MATLAB | ■ ■ ■ ■ ■ |
| JAVA | ■ ■ ■ ■ ■ |
| C | ■ ■ ■ ■ ■ |
| C++ | ■ ■ ■ ■ ■ |
| PYTHON | ■ ■ ■ ■ ■ |
| VHDL | ■ ■ ■ ■ ■ |

| | |
|--------------|-----------|
| JAVASCRIPT | ■ ■ ■ ■ ■ |
| HTML/CSS | ■ ■ ■ ■ ■ |
| PREMIERE PRO | ■ ■ ■ ■ ■ |
| PHOTOSHOP | ■ ■ ■ ■ ■ |

Skills that I learnt through my studies have been explained in detail below, in the Projects section.

As for the skills that I learnt in my own time, I have always been interested in web development and graphic design and I taught myself HTML and CSS. I'm not entirely confident with Javascript but I have used it in various web pages that I have created as well as created a simple memory game (see Projects below). I have been using Photoshop since a young age and am fairly confident with it. I have used it to design multiple pages in my senior yearbook in high school and also to create various designs as part of the marketing and communications team of the Women in Engineering Leadership team.

PROJECTS

Peer-to-Peer Network | Course Project - 2018

Used Python, SQLite, Jinja2, HTML /CSS with web framework CherryPy to design and implement a simple peer-to-peer network in a Linux environment. Used APIs and learnt some cyber security concepts. - **Grade A-**

Pac-man Game | Course Project - 2018

Used Java and JavaFX to create a desktop game with project partner. Used git and MVC architecture in a Linux environment. Used eclipse IDE. - **Grade: A**

PERSONALITY

- ☒ DETERMINED
- ☒ CREATIVE
- ☒ ORGANISED
- ☒ COMMUNICATIVE

INTERESTS



PHOTOGRAPHY



COOKING



MUSIC



VIDEOGRAPHY/
VIDEO EDITING

SALINA DHUNGEL

VOLUNTEER WORK

Volunteer work with New Zealand-Nepal Society, raising funds after the devastating earthquake in Nepal.

Academic Mentoring Programme at Mt Roskill Grammar School- voluntary tutoring services for NCEA students.

Designed multiple pages for senior yearbook in high school using Photoshop.

CONNECT

PERSONAL WEBSITE

<https://salinadhungel.github.io/personal-webpage/>

LINKEDIN

<https://www.linkedin.com/in/salinadhungel/>

COMPSYS BLOG

<https://compsysdiaries.blogspot.com/>

DON'T SEARCH
FOR SUCCESS,
CREATE IT.

PROJECTS (cont.)

Game Console + Pong Game | Course Project - 2018

Designed a simple game console with a built-in computer game using only digital logic and digital design. Used VHDL to program a DEO-board. - **Grade: A+**

Personal Webpage | Personal Project - 2017

Designed a personal webpage using HTML, CSS and Javascript.

Memory Game | Personal Project - 2017

Created a simple memory game using Javascript.

Wireless Bluetooth Monitor | Course Project - 2017

Worked in a team to create a device to measure the amount of energy used by a household appliance. Languages used were: C (Embedded) and VHDL. - **Grade: B+**

Flight Attendant System | Course Project - 2017

Learnt to use C++ and object oriented programming concepts by creating a flight management system using eclipse IDE in a Linux environment - **Grade: A+**

3D CAD Modelling | Course Project - 2016

Modelled a desoldering pump using Creo Parametric in my first year of University.- **Grade: A-**

EDUCATION

2016 - Present | University of Auckland

Currently in studying Part III Computer Systems Engineering.
Extra curricular:

- Women in Engineering Leader
- RoboGals team member.
- Dancer in Engineering Revue (a show developed entirely by students)

2011 - 2015 | Mount Roskill Grammar School

2015 Prefect, Peer Support Leader, Media Studies 2nd in class
2014 Academic Mentor, NCEA Excellence Endorsement, House Senior Leader, Media Studies 2nd in class
2013 NCEA Excellence Endorsement, Media Studies 1st in Class
2012 House Merit Award
2011 First in Class, House Merit Award

EXPERIENCE

Nov 2016 - Jan 2017 | Sales Assisant - Mirrou

Worked as a Christmas casual serving customers and keeping the store tidy.

Dec 2015 - Jan 2016 | Babysitter - Primary aged

Looked after a primary aged child over holiday period.