JENNIE GONG

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PERSONAL PROFILE

I am a hard-working, curious and self-motivated person with a passion for IT. I love analysing data and problem solving as I find connecting information and forming relationships fascinating. I have studied a myriad of coding languages for 6 years and have completed many personal and academic projects. I am adaptable and a quick learner. For example, I learnt to create a google chrome extension and use typescript at a hackathon within 2 hours. I am able to work effectively independently and with a team.

SKILLS AND STRENGTHS

- **R -** Use R Markdown to model and analyse data, ggplot2, web scraping, data wrangling, random forest, bootstrapping
- **Database** - MySQL, SQLite, PHP, Amazon cloud services, Microsoft SQL server.
- **Python** - 6 years: recursive algorithms, data structures, functions, classes, debugging, abstract data types.
- **Java** - OO Programming and Design, frameworks.
- **Excel** - linear programming problems, pivot tables, data entry and analytics
- **Front end web dev**- multiple page dynamic, responsive website with database
- **JavaScript** - created a hangman app, jQuery 3.3.1 to create webpage
- **Design** - Photoshop, Canva, Adobe XD and powerpoint
- **Websphere -** process modelling
- ER Modelling, project proposal, data modelling, normalisation, json, XML

PROJECTS AND EXPERIENCE

Reddit Webapp and Chrome Extension
WDCC x SESA Hackathon | 2021

- Built webapp that looks like VS code using reddit API and displayed posts as code for the theme of procrastination
- Created google chrome extension to allow easy access to webapp using json and javascript
- Created presentation and promotional video
- Received best design award for demonstrating excellence in UI/UX design

Statistical Modelling
UNIVERSITY OF AUCKLAND ASSIGNMENT | 2021

- Study on the effect of insulin on mice and predicting oxygen consumption in humans using simulation based procedures e.g bootstrapping and cross-validation
- Generalised linear models and related methods
- Provide robust inference, investigate consequences of assumption violation and conclusions
- Perform goodness of fit and model selection

Webportal with project proposal and deliverable
UNIVERSITY OF AUCKLAND GROUP PROJECT | 2020

- Develop a business proposal to create web portal for a career agency with use case models, functions outline, prototype documentation, test plan and design principles.
- Use AdobeXD to create multiple GUI prototypes for different device types.
- Presentation of project to stakeholders and project manager.
- Received A grade for overall project.

EDUCATION

University of Auckland
MAR 2020 - PRESENT

Bachelor of Science, majoring in Statistics and Information Technology Management (Expected graduation Nov 2022)

Papers: Computer Science, Information Systems, Business Analysis, Statistics, Engineering Science, Operations Management

Massey University
FEB 2019 - NOV 2019

Certificate of Proficiency Undergraduate

WORK EXPERIENCE

Teaching Assistant

UNIVERSITY OF AUCKLAND | MAR 2021 - PRESENT

- Mark assessments and record data entry associated with marks in appropriate university systems
- Summarise common student errors and areas of improvement for individual students

Sales and Services Assistant

FARMERS PALMERSTON NORTH | 2020 - 2021

- Processed sales, exchanges, customer orders and stock transfers using POS system
- Troubleshoot and assist the security and sales team with technical issues
- Assist customers with queries and purchasing decisions

Promotions Assistant

THE PLAZA SHOPPING CENTRE | 2017 - 2019

- Assist in promoting and marketing events
- Handling customers and general enquiries
- Opening, cleaning and closing down booths
- Running activities and supervising children

AWARDS AND ACHIEVEMENTS

2021

- WDCC x SESA Hackathon Best Design Award
- Certificate of Achievement for Commitment and Leadership as UoA Class Representative

2020

- UoA Certificate of Outstanding Achievement in Computer Science
- UoA Certificate of Distinction in Statistics

Prior to 2020

- Placed second at AgTech Hackathon with web app to optimise kiwifruit production
- Attended NanoCamp in Canterbury University for top NZ science students
- Langley Memorial Prize Manawatu Science Fair
- Fonterra High Distinction at Manawatu Science Fair
- Bronze CREST
- High school Prefect Award
- High Distinction in NCSS challenge Intermediate category
- UOA Academic Potential Scholarship
- Course Distinction Award NCEA Level 3 English, Statistics and Accounting with first place in Statistics and Accounting
- PNGHS Gifted and Talented programme
- Elite Award for Education Perfect Maths placing in the top 100 globally
- Laureate for Music achieving Grade 8 piano with merit
- Bronze Award Chamber Music placing in the top 30 nationally