

JENNIE GONG

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<https://jenniegong.vercel.app/>

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

OTHER EXPERIENCE

- **Mentee at Cisco MentorMe 2021 Programme**
- Alpha Tester for Fist Bump - a startup aimed to connect students using an algorithm
- Summer internship for IT, marketing and teaching English in Nanjing, China 2019-2020
- Waitress at Goan Korean BBQ Restaurant and Hana Mizu Ki Restaurant 2018-2019

EXTRA CURRICULAR ACTIVITIES

- UoA Class Representative
- AWS She builds programme
- UoA Information System and Business Analytics Society
- UoA Web Development & Consulting Club
- UoA Developers Society
- UoA Google Developer Club
- Beta Alpha Sci
- Auckland Student Pool Association
- UoA Kiwi Asian Club
- Auckland University Chinese Student Society
- UoA Kpop Planet
- VEX Robotics
- NZ UN Youth
- Leader of Youth Judges at the Manawatu Science Fair
- PNGHS academic tutor

WEBSITES

LinkedIn:

www.linkedin.com/in/jennie-gong

GitHub:

<https://github.com/xinninggong>

REFEREES

David Smith

Professional Teaching Fellow
University of Auckland

Lucy Eberhardt

Marketing Manager
The Plaza Shopping Centre

Out of courtesy to my referees, details are available on request.

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