

RUNJIA ZHANG

SOFTWARE ENGINEERING INTERNSHIP



CONTACT



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<https://github.com/ZingZing001>

TECHNICAL SKILLS

- **Programming Languages:**
 - Python, Java, C, MATLAB
- **Tools & Technologies:**
 - Git, ATmega328P microcontroller, LaTeX
- **Microsoft Student Accelerator Pack:**
 - Cloud Development with Microsoft Azure
 - Data Analysis and Visualization using Power BI
 - Microsoft Office Suite Proficiency (Excel, PowerPoint, Word)

EDUCATION

UNIVERSITY OF AUCKLAND

2023-Present

- Relevant Coursework: Engineering Science (ENGSCI 211), Multivariable Calculus
- Part I Engineering General GPA: 6.0
- Awards: University of Auckland Academic Potential Scholarship (Tier 2)

BOTANY DOWNS SECONDARY

2018-2022

- High School Diploma
- Graduation: 2022
- Awards: Excellent Endorsement for NCEA Level 1, 2, and 3

LANGUAGES

Chinese



English



PROFILE

A dedicated and proactive second-year Software Engineering student at the University of Auckland with a strong interest in AI/Machine Learning and application development. Proven leadership skills in managing team projects and delivering outstanding customer service.

Proficient in Python, Java, C, and MATLAB, with a passion for solving real-world challenges. Open to exploring new areas within the field of software engineering.

WORK EXPERIENCE

Senior Waiter/Supervisor

Yum Cha Restaurant Sylvia Park

2021-2022

- Oversaw the daily operations of the restaurant, ensuring a high standard of service and customer satisfaction.
- Trained and mentored new staff members, providing guidance on service protocols and restaurant procedures.
- Managed staff scheduling and resolved any conflicts or issues that arose among team members.
- Liaised with the kitchen team to coordinate order flow and address any special customer requests or dietary needs.
- Handled customer inquiries and complaints with professionalism, ensuring a positive resolution and dining experience.

PIANO TUTOR

At Home Tutor

2020-2021

- Provided individualized piano instruction to students of varying ages and skill levels.
- Developed personalized lesson plans to cater to each student's learning style and musical goals.
- Monitored and assessed student progress, offering constructive feedback and adapting teaching methods as needed.
- Maintained a positive and encouraging learning environment, fostering a passion for music in students.

BARISTA

Hulucat, Auckland

2021-Present

- Verified guest satisfaction with milk tea and responded promptly to issues.
- Supported other servers, running food and refilling beverages to meet team goals.
- Communicated with FOH and BOH staff to facilitate top-quality service and timely food delivery.
- Greeted guests in a friendly and professional manner, taking orders accurately.
- Developed effective relationships with co-workers, management team members and customers through positive communication.

WAITER

Huang Ting Restaurant Panmure

2019-2020

- Delivered prompt and courteous service to customers in a fast-paced tea restaurant environment.
- Took orders accurately and efficiently, ensuring a positive dining experience for patrons.
- Collaborated effectively with kitchen staff to manage order flow and timely food delivery.
- Maintained cleanliness and organization in the dining area, adhering to hygiene and safety standards.
- Handled cash and card transactions with precision and integrity.

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SKILLS

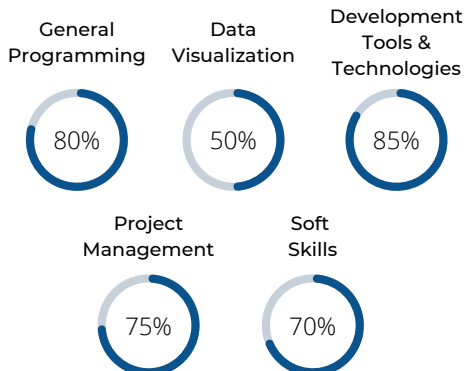
Soft Skills:

Effective Communication, Team Leadership, Project Management

Development Skills:

Object-Oriented Programming, Web Development, Microcontroller Programming, Prompt Engineering

SKILLS SUMMARY



PROJECTS

Venue Hire System

- **Language: Java**
- Developed a venue hire system using Java for booking management and customer interactions.
- Implemented both integer and floating-point inputs for diverse user interaction.

ATmega328P Microcontroller Programming

- **Language: C/C++**
- Programmed an ATmega328P microcontroller for a counter.
- Designed and implemented Binary up counter/ Ring counter.

Risk Map Game

- **Language: Java**
- Implemented a strategic board game inspired by "Risk" using Java.
- Utilized Graph data structures to model the game map with countries as nodes and edges representing neighboring relations.
- Developed algorithms (DFS,BFS) for shortest path calculation and tax computation for crossing borders.

Odds and Evens Hand Game

- **Language: Java**
- Created a hand game where a human player competes against an AI opponent, HAL-9000.
- Implemented AI that learns and predicts human player's moves based on past behavior.
- Developed an interactive command-line interface for gameplay.

AWARD

- Piano Level 10 Award 2020
- Black-Belt Second Dan II TaekWonDo 2023
- Lead/Prefect Student Team 2022
- Member of the Senior Leadership Team 2022
- Head of ICT (Technology) Committee 2022
- Peer Support Leader 2022
- Excellent Endorsement for NCEA Level 1, 2 & 3

VOLUNTEER WORK EXPERIENCE

HALF MOON BAY BEACH CLEANUP CREW 2019

Bucklands Beach

- Participated in organized beach clean-up events to remove litter and debris, contributing to environmental conservation efforts.
- Worked collaboratively with a team of volunteers to cover designated areas, ensuring thorough and efficient cleaning.
- Educated local community members about the importance of maintaining clean and healthy beach ecosystems.

ELIM CHURCH CHRISTMAS PACKING CREW 2020

Elim Church Howick

- Participated in the Christmas packing crew at Elim Church, preparing and assembling holiday packages for families in need.
- Collaborated with a team of volunteers to efficiently organize and pack a variety of items, including food, toys, and clothing.

STUDENT TECH ASSISTANT 2022

Botany Downs Secondary College

- Provided technical support to college students and faculty, ensuring efficient operation of computer systems and software.
- Assisted in the maintenance and troubleshooting of college computer labs and technology equipment.
- Resolved a variety of hardware and software issues, contributing to a seamless learning and teaching experience.
- Conducted training sessions for students and faculty on the use of technology tools and software applications.

REFERENCES

Vivian Darby — Botany Downs Secondary College
Position: Whanue Leader
Email: v.darby@bdsc.school.nz

Iris Liu — Hulucat
Position: Store Manager, Manager & Staff
Phone: 642102865912
Email: mzhmak.martin@gmail.com

Internal Transcript

Not an official transcript. For use within The University of Auckland only

Name: Runjia Zhang
Student ID: 116061923
Entrance Qualification: 2022 Entrance from NCEA Level 3

Academic Programme History

Programme: Bachelor of Engineering (Honours)
Specialisation in Software Engineering
07/06/2022 Active in Programme

Beginning of Formal Award Record

<u>Programme</u>	<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
'23 Sem1 (27/02/2023 - 26/06/2023)					
Enrolled Full-Time					
BEHON	OL ACADINT	A01 Academic Integrity Course	0.00	0.00	Completed
BEHON	ENGGEN	115 Principles of Engineering Design	15.00	15.00	Pass B
BEHON	ENGGEN	121 Engineering Mechanics	15.00	15.00	Pass B
BEHON	ENGGEN	140 Fundamentals of Engineering in Society	15.00	15.00	Pass B+
BEHON	ENGSCI	111 Mathematical Modelling 1	15.00	15.00	Pass B+
Term GPA	5.500	Term Totals	60.00	60.00	
Cumulative GPA	5.500	Cumulative Totals	60.00	60.00	
'23 Sem2 (17/07/2023 - 13/11/2023)					
Enrolled Full-Time					
BEHON	CHEMMAT	121 Materials Science	15.00	15.00	Pass A-
BEHON	ECON	151G Understanding the Global Economy	15.00	15.00	Pass C+
BEHON	ELECTENG	101 Electrical and Digital Systems	15.00	15.00	Pass B
BEHON	ENGGEN	131 Introduction to Engineering Computation and Software Development	15.00	15.00	Pass A
BEHON	ENGGEN	199 English Language Competency	0.00	0.00	Completed
Term GPA	5.750	Term Totals	60.00	60.00	
Cumulative GPA	5.625	Cumulative Totals	120.00	120.00	
'24 Sem1 (26/02/2024 - 24/06/2024)					
Enrolled Full-Time					
BEHON	COMPSYS	201 Fundamentals of Computer Engineering	15.00	15.00	Pass A-
BEHON	ENGSCI	211 Mathematical Modelling 2	15.00	15.00	Pass B

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BEHON	SOFTENG	281	Object-Oriented Programming	15.00	15.00	Pass A-
BEHON	SOFTENG	282	Software Engineering Theory	15.00	15.00	Pass B
Term GPA	6.000	Term Totals	60.00	60.00		
Cumulative GPA	5.750	Cumulative Totals	180.00	180.00		

'24 Sem2 (15/07/2024 - 11/11/2024)

Enrolled Full-Time

BEHON	ENGGEN	204	Professional Skills and Communication	15.00	0.00	Enrolled
BEHON	SOFTENG	206	Software Engineering Design 1	15.00	0.00	Enrolled
BEHON	SOFTENG	283	Software Quality Assurance	15.00	0.00	Enrolled
BEHON	SOFTENG	284	Data Structures and Algorithms	15.00	0.00	Enrolled
BEHON	SOFTENG	299	Workshop Practice	0.00	0.00	Enrolled
Term GPA	0.000	Term Totals	60.00	0.00		
Cumulative GPA	5.750	Cumulative Totals	240.00	180.00		

End of Formal Award Record

End of Internal Transcript