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Personal Statement

Internship Objectives

I am seeking an internship in the computer science field to gain hands-on experience in software engineering, data analysis and machine learning. My interest lies in projects addressing real-world problems, aiming to apply theoretical knowledge in a professional setting while learning from experienced professionals.

Contribution to the Company

I am confident that I can make a significant contribution to your company through my skills, experience, and enthusiasm. Here are some specific ways I can add value:

Technical Skills:

- **Software Development:** I am proficient in a variety of programming languages and frameworks, including Python, Java, JavaScript, Django and React. I can write clean, efficient and maintainable code. I can also leverage my knowledge of Git to collaborate effectively on team projects.
- **Data Analysis:** I am proficient in SQL and Python libraries like pandas and matplotlib for data analysis and visualization. I can effectively clean, analyse and interpret data to identify trends and insights for decision making.
- **Machine Learning:** I have a strong foundation in machine learning concepts and experience with various algorithms like linear regression and K-means clustering. I am proficient in utilizing deep learning frameworks like TensorFlow and PyTorch to build and train complex neural network models for various tasks, such as image recognition, natural language processing, and anomaly detection.

Soft Skills:

- **Problem-solving:** With a strong ability to identify problems, critically evaluate options, and develop solutions, I designed a multivendor marketplace to consolidate sales in NUS to enhance shopping experience and foster entrepreneurship among NUS students.
- **Teamwork:** I am comfortable working independently or collaboratively, I excel in team settings, communicating clearly, delegating tasks, and resolving conflicts constructively.

Education

Aug 2022 – Present	**National University of Singapore** Bachelor of Computing (Honours) in Computer Science *(Course details in Appendix A)*	Singapore
Jan 2020 – June 2021	**Sunway College** Cambridge Assessment International Education General Certificate of Education Advanced Level Subject: Chemistry (A*), Further Mathematics (A*), Mathematics (A*), Physics (A)	Malaysia

Experience

Dec 2023 – Jan 2024	**WinTech Wonderland 2023** •	Singapore
Aug 2023 – Sep 2023	**TikTok Hackathon Challenge 2023** • Collaborated in group of 5 to create Swift Wallet, an e-wallet dedicated to reshaping payment using React Native framework. • Established the UI/UX Design, top up and withdraw feature for the mobile app.	Singapore
May 2023 – Aug 2023	**Orbital 2023 (Artemis Level)** • Collaborated in pair to create NUShop, a multivendor marketplace dedicated to the sale of NUS-affiliated merchandise and second-hand goods using Django framework. • Established the UI/UX Design, user profile, search and filter product/order feature, content personalisation feature and NUShop Wallet for the website. • Completed Artemis Level, the highest level of Orbital and received Honourable Mention Award.	Singapore

Scholastic Achievements/Extracurricular Activities

Aug 2023 – Apr 2024	**School Contributions** • Director of Publicity Department, NUS Malaysian Students' League • Executive of People Cell, NUS CommIT • Executive of Publicity Department, NUS ECE Club • Executive of Marketing Department, NUS Fintech Society • Hearing Difficulties Sector Volunteer, i.Volunteer 2023 • Bunny Caregiver, PGPR Project Buns 'N Us • Director of Public Relations Department, University Freshmen Orientation'18	Singapore
Aug 2023	**Orbital 2023 (Artemis Level)** Honourable Mention Orbital Summary: Orbital (a.k.a., CP2106: Independent Software Development Project) is the School of Computing's 1st year summer self-directed, independent work course. This programme gives students the opportunity to pick up software development skills on their own, using sources on the web.	Singapore
Aug 2022 – Apr 2023	**School Contributions** • Executive of Publicity Department, Malaysian Night 2022	Singapore
Jan 2020 – June 2021	**Scholarship** Sunway Special Scholarship 2020 (Academic Excellence)	Malaysia
Jan 2020 – June 2021	**School Contributions** • Executive of Special Affairs Department, Sunway University Chinese Cultural Society • Executive of Public Relations Department, The SunVoice 5 <Apricus>	Malaysia

Skill Sets & Proficiency

Office Productivity	Microsoft Word, PowerPoint, Excel, OneDrive, Outlook	Proficient
	Google Docs, Slides, Sheets, Forms, Drive, Mail, Sites	Proficient
Multimedia	Canva	Proficient
	Microsoft Clipchamp	Intermediate
	CapCut	Intermediate
Web	HTML, CSS	Proficient
Database	MySQL, SQLite	Intermediate
	SQL	Intermediate
	Firebase	Intermediate
	Microsoft Access	Basic
Programming	Java	Proficient
	Python	Proficient
	JavaScript	Intermediate
	C	Intermediate
Version Control	Git	Proficient
Markdown	XML	Intermediate
Operating Systems	Linux	Basic
	Windows	Basic
Hardware Design	Logisim Circuit Design	Basic
Non-technical Skills	Publicity Materials Design	Proficient
	Project Management	Basic

Language Proficiency

Spoken	English – fluent; Mandarin – fluent; Malay - average
Written	English – proficient; Mandarin – proficient; Malay - proficient

Additional Information

Degree: Bachelor of Computing (Honours) in Computer Science
Cumulative Average Point: /5.00

Year	Level	Course Description	Grades
Aug – Nov 2022	Year 1/Semester 1	Programming Methodology	S
		Discrete Structure	S
		Digital Ethics and Data Privacy	A-
		Calculus for Computing	S
		Linear Algebra I	B+
		Career Catalyst	CS
Jan – May 2023	Year 1/Semester 2	Programming Methodology	B+
		Programming Methodology II	B
		Data Structure and Algorithms	B-
		English for Academic Purposes	A-
		Quantitative Reasoning with Data	A-
		IT, Management and Organisation	S
		Probability and Statistics	B-
Aug – Nov 2023	Year 2/Semester 1	Computer Organisation	
		Introduction to AI and Machine Learning	
		Communicating in the Information Age	
		Singapore: Imagining the Next 50 Years	
		Digital Platforms for Business	
		Independent Software Development Project (Orbital)	
Jan – May 2024	Year 2/Semester 2		

NUS Grading Scale:

A+ & A (5.0); A- (4.5); B+ (4.0); B (3.5); B- (3.0); C+ (2.5); C (2.0); D+ (1.5); D (1.0); F (0)

S = Satisfactory; U = Unsatisfactory

CS = Completed Satisfactorily; CU = Completed Unsatisfactorily

EXE = Exempted; IC = Incomplete; IP = In Progress; W = Withdrawn