

JASMINE YIP

Los Angeles, CA | 040-299-8668 | yipjasmi@usc.edu | jasmineyip.com | linkedin.com/in/jasmine-yyy

EDUCATION

University of Southern California

January 2024-May 2027

Bachelor of Science, Computer Science

- Half-tuition Presidential Scholarship & Viterbi Scholarship

The University of New South Wales

September 2023-December 2023

Bachelor of Science, Computer Science

- Australia's Global University Award - \$10,000 scholarship
- 2023 Atlassian x Digital Society Product Hackathon - First Place
- 2023 Digital Makers Competition - Judges' Award for Social Impact & Micro-grant (\$1,000)
- 2023 UNSW Founders New Wave Program - Faculty of Engineering Award (A\$2,500) and People's Choice Award (A\$1,500)
- Activities: UNSW Digital Society Careers Director, Division III Women's Basketball

WORK EXPERIENCE

Software Engineer - Intern

December 2022-February 2023

Serato, Auckland, NZ

- Cooperated closely with a team to build Serato Visualizer, a video creator for music producers with over 1M users
- Developed a Vue JS component accurately identifies and processes drag-and-drop files, enhancing upload accuracy by 30%
- Troubleshooted 5-10 issues through bug reproduction, code reviews, and regression testing using Jira for bug tracking
- Created a pixel-perfect, dynamic, and responsive download progress page, enhancing user retention by 25%
- Collaborated in sprint planning and ensured CI/CD for efficient software delivery in a Scrum environment

Web Developer

May 2022-November 2022

Power Trip, Wellington, NZ

- Revamped company website using HTML, CSS, and JavaScript, resulting in a 35% increase in website traffic
- Liaised with the CEO in weekly meetings to gather feedback, translating business objectives into Figma prototypes
- Incorporated over 50 customer feedback, usage metrics, and usability findings on UX design and UI features of website
- Implemented responsive design and conducted BrowserStack testing, yielding a 30% boost in website performance metrics

EXTRA-CURRICULARS

President

March 2021-February 2023

Wellington International Students' Association, Wellington, NZ

- Facilitated over 20 social events to foster connections and cultural exchange between international and local students
- Launched orientation and mentoring initiatives to help 200+ new students integrate into school communities and beyond
- Led development of website (<http://wgtnisa.org/>) and implemented effective SEO, improving online visibility by over 200%
- Awarded New Zealand GirlBoss Community Award out of over 450 nominees and featured on The Dominion Post

ACADEMIC PROJECTS

Developer, Pacman Game, Sydney, NSW

December 2023-December 2023

- Created classic Pacman game from scratch using Python, PyGame, and object-oriented programming principles
- Optimized pathfinding algorithms and movement patterns to balance game difficulty, improving player experience by 30%
- Refined player movement mechanics, including precise control and responsive feedback, promoting engagement by 40%

Developer, Y0 (Why Not) Online Forum, Wellington, NZ

August 2022-November 2022

- Constructed a full-stack career resource online forum with a complete login and register system using PHP sessions
- Wrote and optimized database interactions via SQL prepared statements, allowing users to post, edit, search, filter
- Utilized PHP functions to validate input, handle errors, and encrypt sensitive information, protecting user data
- Awarded Excellence (highest grade) and Carlien Calvert Prize for First in Digital Technologies in Year 13

ADDITIONAL INFORMATION

- Relevant coursework: Programming Fundamentals, Discrete Mathematics, Calculus I, Calculus II
- Skills: Programming (Java, Python, C); Web Design & Development (HTML, CSS, JavaScript); Backend Development (PHP, MySQL); Troubleshooting; Scrum; Agile Methodologies; Version Control (Git, GitHub); UI/UX Design (Figma); Object-Oriented Programming; Operating System (Linux); Scripting tools (Bash); Search engine optimization (SEO)