

# Jason Tang

7 viola crescent, Highett, VIC, 3190 | [jasontang02@outlook.com](mailto:jasontang02@outlook.com) | <https://www.linkedin.com/in/94183a222/> | 0404 428 578

## EXPERIENCE

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### Infosys Limited - Software Engineering Intern

- ♦ Contributed to the development of a full-stack multidimensional observability platform/dashboard which leveraged public APIs from Twitter and ServiceNow for real-time data extraction and storage in MongoDB
- ♦ Implemented microservices for text preprocessing, classification and sentiment analysis using NLP and supervised machine learning models, receiving a customer feedback score of 95%, indicating high level of satisfaction with the platform's performance and user features

### Max Brenner – Team supervisor

- ♦ Managed a team of 10 employees in a fast-paced environment, ensuring smooth operations and a high level of customer satisfaction, leading to over 50 positive customer reviews

### University of Melbourne UMCPC – Committee member

- ♦ Organized club events and liaised with tech-companies to raise over \$4000 in sponsorships to fund club events

## EDUCATION

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### University of Melbourne

Expected Graduation: November 2024

- ♦ Bachelor of Science - Computing and software systems

(First Class Honours)

**Course Work:** Foundations of Computing, Algorithms, Database Systems, Object Orientated Software Development, Algorithms and Data Structures, Elements of Data Processing, Artificial Intelligence, Software Modelling and Design, Computer Systems, Models of Computation, Corporate Finance

## SKILLS

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**Languages:** Python, Java, C, C#, HTML/CSS, JavaScript, C++

**Technologies:** Git, Google Cloud, SQL, MongoDB, AWS, Node.js, Rest API, NLP, Flask, React.js, Pandas, Bootstrap, SciPy, Scikit-learn, NumPy

## PROJECTS

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### Full-Stack Personal CRM (Customer Relationship Management) – MERN stack

- ♦ Developed, designed, tested, and deployed a comprehensive personal CRM system, utilizing the MERN and other tech tools such as Confluence, Git and Trello to document code and progress

### Infexion A.I Game Playing Agent - Python

- ♦ Developed a board game with an A.I game-playing agent that utilized various algorithms such as iterative deepening search, A\* search and Monte Carlo tree search to find optimal solutions, reducing branching factor by 30% and minimizing space complexity

### Mobile Recipe App with Discord Bot Integration – React, Python

- ♦ Designed and developed a mobile-response recipe website with search and favourites functionality displayed with an intuitive interface for ingredients list and instructions. Connected to MealDB API for seamless user experience with Discord bot integration, and real-time server commands

### A24 PacMan Extension Game – Java

- ♦ Created an interactive game in Java that utilizes object-oriented programming principles, GRASP responsibility principles and JGameGrid library for an extended version of PacMan