Mila Medić

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EDUCATION

The University of Sydney   **Sydney, AU**
Bachelor of Advanced Computing in Computer Science   *Mar. 2021 – Jun. 2025*

The University of Sydney   **Sydney, AU**
Bachelor of Commerce in Finance   *Mar. 2021 – Jun. 2025*

WORK EXPERIENCE

Dining Room Attendant | Parkview Hotel   **Sydney, AU**
                                                                                                                      Jul. 2024 – Present
- Collaborated effectively with team members to ensure smooth operations, consistently completing all tasks ahead of schedule.
- Received commendations for exceptional communication skills and delivering fast, high-quality service under pressure.
- Resolved 20+ customer complaints independently by utilising strong problem-solving skills and adapting to changing demands.
- Trained and mentored 5+ new team members, demonstrating leadership and promoting a collaborative team environment.

Volunteer Engineering Peer Mentor | The University of Sydney   **Sydney, AU**
                                                                                                                      Feb. 2022 – Apr. 2022
- Successfully led and guided 20 students independently, both online and in-person, by presenting the faculty and course offerings.
- Maintained regular communication with the Lead Mentor, submitting weekly reports to highlight program milestones, progress and required actions.
- Tailored communication style and approach to provide assistance to students from over 10 different countries.
- Successfully completed the program while studying full-time and received commendations for exemplary performance.

PROJECTS

Text-to-Cypher Pipeline   *Feb. 2024 – Nov. 2024*
Python, Langchain, Cypher, Neo4j, OpenAI, Cohere, LLaMA, Anthropic

- Developed an automated text-to-Cypher pipeline to convert unstructured text into Cypher queries for knowledge graph generation, evaluating LLMs' capabilities and addressing research gaps.
- Effectively integrated multiple LLM APIs to streamline data processing and Cypher query generation.
- Implemented error handling and retry logic for API requests, reducing processing time by minutes and enhancing system stability.
- Documented pipeline architecture and provided comprehensive instructions to support future development and scalability.

Cartoonopia – Full-Stack Web Application   *Feb. 2024 – Jun. 2024*
Typescript, Javascript, React, Tailwind CSS, Node.js, Express.js, REST, MongoDB, Mongoose

- Contributed to front-end and back-end development of a web application, collaborating with a team to integrate user-facing and server-side features.
- Developed responsive UI components such as Login/Sign Up, Add/Edit Characters, and User Profile.
- Assisted in setting up Express.js routes for request handling and optimised data processing with Node.js.
- Integrated REST API for efficient data retrieval and interaction between the front-end and back-end.
- Utilised MongoDB for data storage and ensured effective communication between the application and the database through API requests and responses.

TECHNICAL SKILLS

- **Languages:** Python, C, Java, Javascript, HTML, CSS, Typescript, SQL, Cypher
- **Concepts:** Object-Oriented Programming (OOP), Data Structures, Algorithms
- **Frameworks & Libraries:** Django, Express.js, Next.js, React, Tailwind CSS
- **Databases:** MongoDB, NoSQL
- **Tools & Platforms:** Docker, Git, Github, Bitbucket, Jira, Trello, Microsoft Office Suite (Excel, Word, PowerPoint)