Antonio Taseski

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EDUCATION

Wilfrid Laurier University <div align="right">Waterloo, ON</div>
*Bachelor of Science in **Computer Science*** <div align="right">*Sep. 2023 – April 2027*</div>

- **Club:** Laurier Computing Society
- **Related Credits:** Data Structures 1 and 2, Artificial Intelligence, Object Oriented Programming, Digitial Electronics, Microprocessors, Discrete Math, Calculus 1, Linear Algebra

EXPERIENCE

SerbLink <div align="right">**Mar 2024 – October 2024**</div>
Software Developer Intern <div align="right">*Toronto, ON*</div>

- Maintained **AngularJS** frontend with **TypeScript**, integrating server **API's** to dynamically display fetched **data**
- Automated **unit testing** within the **CI/CD pipeline** to ensure **seamless deployment's** for new features
- Optimized **transaction handling** with **seamless Stripe integration**, reducing average checkout time by **30%**.
- Transformed **Figma** designs into **highly responsive UI**, across devices using **HTML**, **SCSS**, and **Bootstrap**
- Managed and completed **high-priority tasks** in **JIRA** with **efficiency**, consistently delivering high-quality work

Cfx.re <div align="right">**Jan. 2021 – Dec. 2023**</div>
Freelance Full Stack Engineer <div align="right">*Toronto, ON (Remote)*</div>

- Engineered **cloud-hosted vertically scalable** game servers, with **1000's** of concurrent client connections.
- Optimized **resource allocation** and **performance** on **Lua** and **Node.js** backend's, ensuring **minimal CPU overhead** and **seamless gameplay.**
- Built user friendly and intuitive **frontend's** with **JavaScript, HTML, and CSS**, improving player interaction
- Built **highly relational MySQL** database's to efficiently perform **CRUD** operations on **players metadata**.

Laurier Computing Society <div align="right">**Feb 2024 – April. 2024**</div>
Mobile Developer <div align="right">*Waterloo, ON*</div>

- Partnered with team to develop an **emotion recognition mobile app**, following the **SDLC** principles, delivering **efficient** and **high-quality** features.
- Implemented a **comprehensive statistics** page to **visualize** journal entries with **AI-driven speech analysis**
- Coordinated with designers using **Figma** to create an **intuitive** and **visually engaging frontend** in **Flutter**
- Developed **ML pipeline** integrating **BERT** and **Whisper models processing speech**, with **98% accuracy**

PROJECTS

MyMap | *Website* <div align="right">*MongoDB, Express, ReactJS, Node.js*</div>

- User-made link map to **display social data** under a **custom url handle**, configurable in **dashboard**
- Robust **JWT** authentication system with **token validation** for **secure** and **streamlined** user experiences
- Clean and precise **frontend** built with **Next.js** and **Tailwind CSS** for a responsive **user-friendly interface**
- Backend **REST API** in **Node.js** with **Express.js** to perform **CRUD** operations and handle **sensitive data**
- User model ensuring **authentication** and easy **profile management** on a **non-relational Mongo database**

CVLens | *Website* <div align="right">*FastAPI, React, Next,js, spaCy, AWS, Docker*</div>

- Created a web app to **extract** structured **data** from **uploaded resumes** in **PDF/DOCX** formats.
- Built **NLP** model using **spaCy** with **Named Entity Recognition** to **accurately extract** resume details
- Designed an **API Gateway** to trigger our **AWS Lambda**-hosted ML model, returning structured **JSON** data
- Designed clean and easy to use **frontend** with **Next.js** that **fetches** the **data** from the **API gateway**

Emoz | *Mobile App* <div align="right">*Flutter, Python, BERT, Django, HiveDB*</div>

- Emotion-analyzing journal app with **speech analysis** using **BERT** and OpenAI's **Whisper API**
- Highly graphical and **chart-heavy dashboard** representing **date based analysis** of journal entries
- Cohesive backend **RESTful API** built using **Python** with **Django** providing **CRUD** operations on the entries
- Non-relational HIVE **database** schema **calculating** the **emotion id** which is **sent** to **frontend**

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, HTML, CSS, C#, SQL, Lua, C, Dart
Frameworks: Angular, React, Next.js, Flutter, Node.js, Express, Django, PostgreSQL, MySQL, Mongo, Tailwind
Developer Tools: Linux, Docker, Git, Postman, Excel, AWS, Jupyter Lab, Google Colab, Atlassian Suite, Figma