Antonio Taseski

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EDUCATION

Wilfrid Laurier University — Waterloo, ON
*Bachelor of Science in **Computer Science*** — *Sep. 2023 – April 2027*

- **Club:** Laurier Computing Society
- **Related Credits:** Data Structures 1 and 2, Artificial Intelligence, Object Oriented Programming

EXPERIENCE

Software Developer Intern — **Mar 2024 – October 2024**
SerbLink — *Toronto, ON*

- **Maintained AngularJS frontend** with **TypeScript**, integrating server API's to fetch and display dynamic data
- **Ensured seamless testing** and **deployments** ran within the **CI/CD Pipeline**, by **automating unit tests**
- **Developed** features including **transaction handling**, **authentication**, role based **accounts**, and **translation**
- **Transformed Figma** designs into **highly responsive UI**, across devices using **HTML**, **SCSS**, and **Bootstrap**
- **Received** and **acted** on **high priority tasks** directly from **CTO**, **efficiently** completing them **on time**

Freelance Full Stack Engineer — **Jan. 2021 – Dec. 2023**
CitizenFx — *Remote*

- **Engineered** and **maintained user-friendly frontend interfaces** for **clients**, utilizing **jQuery**, **HTML**, **CSS**
- **Built structured backend**, focused on **game logic** using **Node.js** with **Lua** to ensure **seamless experiences**
- **Optimized resource utilization** for **cloud based instances** (**AWS**, **OVH**) handling **1000s** of **connections**
- **Stored diverse** player **data** including **inventory, state, currency** in a **highly relational MySQL database**

Mobile Developer — **Feb 2024 – April. 2024**
Laurier Computing Society — *Waterloo, ON*

- **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 | *Mongo, Express, React, Node.js, Tailwind CSS, Git* — ***Web***

- ∗ **User-made** link map to **display their social data** under a **custom url handle**, **configurable** in **dashboard**
- ∗ **Features** robust **authentication system** with **token validation** for **secure** and **streamlined** user experiences
- ∗ **Clean** and **precise frontend** built in **React** with **Next.js** and **Tailwind** for a clean, **user-friendly interface**
- ∗ **Backend RESTful API** in **Node.js** with **Express** to perform **CRUD** operations and send **data** upon **request**
- ∗ **User model** ensuring **authentication** and easy **profile management** on a **non-relational Mongo database**

Emoz | *Python, Django, BERT, Whisper, Flutter, Hive, Git* — ***Mobile***

- ∗ **Emotion-analyzing** journal app with **speech analysis** using *BERT ML model* and *OpenAI's Whisper*
- ∗ **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
- ∗ **Non-relational** HIVE **database** schema calculating the **emotion id** which is **sent** to **frontend**

CVLens | *Python, FastAPI, SpaCy, Docker, AWS, Next.js, Tailwind, Git* — ***Web***

- ∗ **Created** a **web app** to **extract structured data** from **uploaded** resumes in **PDF/DOCX** formats.
- ∗ **Leveraged NLP** model **SpaCy** with **NER** to **accurately extract** resume details, such as contact information, education, skills, and work experience.
- ∗ **Developed API gateway** to trigger **AWS Lambda** function that **processes resume** and **returns JSON**
- ∗ **Designed clean** and **easy to use frontend** with **Next.js** that **fetches** the **data** from the **API gateway**

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