

David Pietrocola

Toronto, ON

+1 (437)533-8599 | pietrocoladavid@gmail.com | davidpietrocola.com

EDUCATION

CENTENNIAL COLLEGE

ADV. DIPLOMA IN SOFTWARE ENGINEERING

Jan 2022 - Present | Toronto, ON

Relevant Coursework: Advanced Database

DSA • Software Testing • Unix/Linux OS

Web Application Programming

Cum. GPA: 4.3 / 4.5

Award: "GP Digital Badge" for excellence in engagement within leadership and volunteer activities.

SKILLS

TECHNICAL SKILLS

Proficient with:

Python 3 • Java • JavaScript (ES6) • C#

SQL • Shell

Frameworks and Libraries:

Express.js • Node.js • React • .NET

Tools:

Git • GitHub • Postman • Jira • AWS • Azure

Docker • Jenkins • SwaggerUI

MongoDB • PostgreSQL • MySQL

SOFT SKILLS

Strong:

Effective organization and time management skills

Communication abilities in multiple languages,

including English, Italian, and Russian

Proven leadership experience

HACKATHONS

Jan 2023		UofTHacks
Mar 2023	3 rd /88	NSBE Hacks
Apr 2023	1 st /79	MapHacks 2
Apr 2023	4 th /675	EducateHacks
Apr 2023		DeerHacks
May 2023		OlimpiHacks

CERTIFICATIONS & CLUBS

Sep 2022	<u>CIPS Ontario Membership</u>
Dec 2022	<u>CS50 - HarvardX</u>
Apr 2023	<u>Cloud Practitioner - AWS</u>
Current	Centennial Programming Club
Current	Google Developer Club - UofT

LINKS

LinkedIn:// [pietrocoladavid](#)Github:// [DavDeDev](#)Devpost:// [DavDeDev](#)Hackerrank:// [DavDeDev](#)

EXPERIENCE

WIMTACH | BACKEND ENGINEER INTERN

May 2023 - Present | Toronto, ON

- Collaborating with a team of 3 developers to develop a kindergarten's web application.
- Built the CI/CD pipeline and supported the AWS infrastructure, ensuring 99.9% uptime and a 40% reduction in deployment time.

CENTENNIAL COLLEGE | MENTOR

April 2023 - Present | Toronto

- Demonstrated strong leadership skills as a mentor for incoming students, providing guidance, support, and resources to help 5 mentees successfully transition to college.
- Provided ongoing coaching and support to mentees, helping them develop essential skills and succeed inside and outside the classroom.

PROJECTS

OPZIONE ZEN | EXTENSION, GITHUB

Fall 2022 | Toronto, ON

- Built a Chrome extension that activates a reading mode in websites: W3school/MDN using JavaScript, HTML, CSS.
- Utilized the latest Chrome extension API (Manifest V3) version to access browser features and interact with web pages.
- Implemented a reading mode feature that removes unnecessary elements on the web page, making it easier to read the main content.

TRAVEL THERAPY - DISCORD BOT | GITHUB

Jan 2023 | UofTHacks • Toronto, ON

- Developed and deployed a Discord bot using Python and the Discord API that engages with users in a Discord server and profiles their emotional state through natural language processing.
- Designed and implemented a recommendation system that suggests travel destinations based on the user's mood.
- Integrated Co:here AI to provide advanced features such as sentiment analysis and machine learning capabilities to the bot, resulting in improved accuracy and personalized recommendations.

JOBS SEARCH - RESTFUL API | WEBSITE, GITHUB

Fall 2022 | Toronto, ON

- Built a job search API using Node.js and Express framework.
- Utilized MongoDB to store and retrieve job listings data.
- Tested and debugged the API using Postman and integrated it with a front-end documentation written in YAML with SwaggerUI and Apimatic.

RESEARCH

WIMTACH | RESEARCHER

Jan 2023 - May 2023 | Toronto, ON

Conducted performance testing and identified areas for optimization in a business project.