

Nick Pestov

Computer Science Student at the University of Toronto
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EDUCATION AND CERTIFICATIONS

- **University of Toronto** Toronto, Canada
Honours Bachelor of Science *Sep. 2021 – May 2025*
Major: Computer Science Specialist with a Focus in Artificial Intelligence
Minors: Statistics and History of Science and Technology
Coursework: Software Design, System Programming, Databases, Data Structures, Data Analysis
- **Certifications**
 - Neural Networks and Deep Learning - Coursera
 - Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization - Coursera
 - Convolutional Neural Networks - Coursera
 - Structuring Machine Learning Projects - Coursera
 - Responsive Web Design - FreeCodeCamp

EXPERIENCE

- **vGIS Inc.** Toronto, Canada
Data Management Specialist *Feb. 2023 - Present*
 - **Augmented Reality Models:** Configured and QA-tested sophisticated BIM and GIS models for compatibility with Augmented Reality. Developed data optimization techniques to improve system's performance.
 - **vSite:** Contributed to the UX design and implementation of the vSite digital twin platform's front-end.
 - **Data Management:** Oversaw ETL data conversions between geospatial formats. Validated data's integrity past conversion. Advised customers on data management strategies to optimize BIM and GIS processing pipelines.
- **vGIS Inc.** Toronto, Canada
Technical Support Specialist *Feb. 2021 - Feb. 2023*
 - **Technical Support:** Managed enterprise technical support queue. Assisted with technical issue resolutions.
 - **Quality Control:** Conducted extensive testing and troubleshooting of customers' datasets. Implemented recommendations for improving performance. Produced bug reports.
 - **Client Guidelines:** Authored comprehensive product documentation in collaboration with product engineers to ensure technical and user-friendly manuals for clients.
- **Enlivent Education** Toronto, Canada
Curriculum Director and Partner *May 2023 - Present*
 - **Curriculum Design:** Spearheaded the creation of a rigorous high school curriculum, expertly blending mathematics and computer science concepts, while ensuring alignment with IGCSE standards. Resulted in an average 15% improvement in standardized test scores.
 - **Strategic Leadership:** Coordinated planning in client outreach, business opportunities, and the company's growth strategy for South-East Asia.
 - **Client Relationship Management:** Increased client loyalty through tailored and personalized classes, resulting in high client retention and referral rates.

PROJECTS

- **Spotify Playlist Generator (2023):** Engineered the back-end of a Spotify Playlist Generating app, that generates a Spotify Playlist of lesser-known songs and retrieves existing playlists, tailored to the user-listed preferences. Java.
- **Terminal AI Competition Algorithm (2023):** Developed an AI Python algorithm for the competition and secured a global ranking of 22nd out of 56,000 participants. Python.
- **Andromeda Social Media Start-Up (2022):** Conceptualized and constructed the Front-End of the Andromeda Mobile App, consisting of a Home Page, Event Page, and Map Feature. Dart, Flutter

PROGRAMMING SKILLS

- **Languages:** : Python, Java, C++, HTML, CSS, JavaScript, C#, R, C, Dart, Assembly
- **Software:** : JetBrains IntelliJ IDEA, PyCharm, Flutter, Android Studio, Git, Unity 3D, ArcGIS.