YEN HUYNH

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EDUCATION

Algonquin College   Ottawa, ON
Bachelor of Engineering   Expected October 2025
- Major in Computer Science
- Relevant Coursework: Computer Essentials, Database, Computer Programming, Web Programming, Processor Architecture, Object-Oriented Programming, C Language.

TECHNICAL EXPERIENCES

Projects
- **Ball-Moving Animation** (2022): The ball's movement is assigned using cmu graphics software. By pressing the relevant key, users may move the ball and view the animation. Using the form in the graphic design, I created objects such as clouds, the sun, moons, and balls. CMU Graphics.
  URL link: https://academy.cs.cmu.edu/sharing/chartreuseFish5364

- **Configuration Batch File** (2022): Created a bat file that uses command prompt commands such as whoami, flushdns, ipconfig, and so on. BAT.
  URL link: https://github.com/YenHuynh02/Scripting.git

- **Paintings & Artists** (2023): This website was created and performed paintings and artists, displaying each artwork together with its artist and Wikipedia references. Use the file() function to read the file name, and the isset($_GET) function to see if the user has clicked on the link. After that, I used the explode() function to traverse through the file and place it into the array. The last step is to simply display the value by calling the array. CSS, HTML, PHP.
  URL link: https://github.com/YenHuynh02/WebDevelopment.git

- **Painting Portal** (2023): Created a website that incorporates the concepts of the Amazone app. Customers can select each genre of artwork and add it to their shopping basket for purchase. If it is the customer's first visit to the shop, he or she must create an account before proceeding with the purchase. This website connects to the database using the class mysqli() and makes use of the entities and attributes contained within the table. To see if ($_SESSION['login']) is true, use the syntax isset(). CSS, HTML, PHP, JavaScript, SQL
  URL link: https://github.com/YenHuynh02/WebDevelopment.git

- **Information of Students** (2023): I provided an encrypted students.dat file. To decrypt the file, I used the fopen() method from the library <stdio.h>. It will also count the number of values read using fread() and return the number as an integer. In the main class, I make it so that no more or fewer than two arguments are passed when the method is called. Following that, I use the qsort() function to sort the student ID and percentage mark. To make it easier to compile the program, I created a Makefile that contained all the C classes and Header classes to compile. C
  URL link: https://github.com/YenHuynh02/CLanguage.git

CERTIFICATES

Exploring Networking with Cisco Packet Tracer   Winter 2023
Cisco, Ottawa, Ontario
- Used Packet Tracer to investigate the Internet of Things with Cisco.
- Installed hardware such as routers, switches, or the home default gateway, and cabling to link each device.

Technical Support Fundamentals   Fall 2021
Coursera, Ottawa, Ontario
- Recognized the fundamentals of system administration, hardware, and software components.
- Discovered how to deal with dissatisfied instances and how to assist others in resolving the issue.
  URL link: https://coursera.org/share/67d17453378db10ced1586b844870564

LANGUAGES AND TECHNOLOGIES

Languages: HTML, CSS, Java, JavaScript, C, Bat.
Frameworks: AngularJS, jQuery.
Database: SQL, PHP.
Tools: Visual Studio Code, My SQL Workbench 8.0 CE, VMware, Eclipse, Cmd, Packet Tracer, GitHub.