

CONTACT

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EDUCATION

Universidad Tecnológica De Panamá

Bachelor Of Computer Systems Engineering

Colegio Nuestra Señora de los Ángeles

High School Diploma, Degree in Science & Humanities with an Emphasis in Computer Science

Cisco Certified Network Associate

Cisco Systems

UiPath Certified Rpa Associate

UiPath Academy

Responsive Web Design Certification

freeCodeCamp

HOBBIES

- Writing fiction
- Drawing
- Watercolor
- Guitar
- Rock climbing
- Weightlifting
- Tabletop games
- Cooking
- Table tennis
- Tennis
- Volleyball
- Chess
- Skating

NICHOLAS PITTI Web Developer

- Graduated from top technological university of Panama. Tasked with a diversity of programming projects which has consolidated the ability to learn quickly, then methodically create cohesive projects.
- I am eager to learn as much as I can about web development and stay on the cutting edge of technology.
- Naturally inquisitive, pragmatic, detail oriented, and creative.

EXPERIENCE

Network Technician, Subject To NDA

Feb 2024 – Present

- Documented network changes to ensure accurate records and facilitate future maintenance tasks.
- Monitored network performance to identify and resolve potential issues proactively.
- Ensure necessary site information is provided to expedite restoral efforts.

PROJECTS

<https://nicholaspitti.github.io/nicholas-pitti/>

Next Portfolio Website

- Created original code base from scratch with HTML, CSS, Bootstrap & JavaScript.
- Refactored original code base to utilize **TypeScript React** components with the **Next** framework.
- Deployed static pages to be hosted on GitHub Pages with **Github Actions**. Implemented **CI/CD principles**.

Full Stack Database Manager

- Configured **MySQL** database connections and queries.
- Developed **TypeScript Vue** interface for viewing database tables.
- Utilized **ExpressJS** for server routing. Implemented **Model-View-Controllers** model for handling database operations.

Spotify API Dashboard

- Created custom **Spotify API** functions to assist in playlist organization, track search, queue creation, queue saving to JSON.
- Developed **TypeScript Vue** components for displaying and playing tracks.
- Implemented API authentication & **Vue Pinia** state management for store variables (client ID & access token)

Automated YouTube Video Summarizer

LANGUAGES

- English: Fluent
 native speaker
- Spanish: Fluent
 native speaker

SKILLS

- HTML / CSS
- JAVASCRIPT /
- TYPESCRIPT
- LESS
- SASS
- REACT
- VUE
- NEXT.JS
- NODE / NPM
- BOOTSTRAP
- LINUX
- PYTHON
- SQL
- GIT
- AWS
- JAVA
- C#
- VB.NET
- ANDROID STUDIO
- CISCO CLI
- UIPATH
- ARDUINO
- UNITY
- KRITA
- BLENDER
- AUTOCAD
- GIMP
- AUTODESK
 123DESIGN
- MICROSOFT SUITE
- CI/CD principles
- Extreme
 programming

- Designed a **UiPath / .Net** workflow to bulk download videos & summarize text transcription using ChatGPT.
- Implemented a WhisperAI **Python** script for text transcription and file modification.

React Bootstrap Ecommerce Web Clone

- Constructed a **responsive** layout Modified **react-bootstrap** components to visually imitate eCommerce website (coolshirtz.com).

Facial Recognition Magnetic Door Lock

- Developed **Python** & Arduino scripts to connect micro-controllers with **Flask** Web Sockets.
- Developed facial recognition logic to open a magnetic lock. Implemented **Arduino** library for alerting the user through phone messaging app.
- Configured python environment for project using **Linux** terminal.

Endian Firewall Installation

- Configured virtual box machine with Kali **Linux**.
- Establish **firewall rules**, IPS over LAN and WAN, as well as web filtering, antispam and antispysware.
- Configured the **TCP/UDP** port rules.
- Installed Comodo **Firewall** host-based intrusion prevention system (HIPs).

Sign Language Learning App Prototype

- Train a **TensorFlow** convolutional neural network model with photos taken of ASL alphabet.
- Develop an OpenCV **Python** script to utilize webcam for detecting signs.
- Created the user interface using Python QT designer to navigate through the app prototype.