Jacques J. Troussard

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Education:

University of Mary Washington, Fredericksburg, VA   December 2017

Bachelor of Science in Computer Science (3.333)

Northern Virginia Community College, Annandale, VA

Associate of Science in Social Sciences (3.381)   August 2016

Certificate in Business Information Technology (3.667)

Projects:

Warehouse Inventory Web Application   Semester Project (Software Engineering)

This application's main focus is the management of inventory for a main warehouse and several mobile warehouse/delivery vans. Users can manage their inventory figures by importing csv files and creating invoices. There are also search functions and an invoice retrieval page. The application is hosted in the cloud (configured for GCP), powered by a Python server with a Flask mini-framework, and wired to a PostgreSQL database. Additionally the GitHub repository hosts all of the team's software development documents; requirements, planning, testing and so on.

Chocobo Egg Defense Game   Final Project (Game Programming)

This video game allows the player to take control of a Chocobo and collect all the eggs in time to save them from the evil wizards. This game was written in C++ with Microsoft Visual Studio 2013. The gaming library Allegro and game tiling software Mappy are major components of the project. I've slowly started to port this project into a Linux environment while also trying to consider design patterns and increase modularization here.

Hard Drive Hound   Personal Project

A personal web scraping project which extracts/stores/analyzes hard drive product data from the computer part store, Microcenter. This is the first attempt I made at creating a webscrapper. It is a simple program run from terminal, written in Python, wired to a MongoDB Database.

Skills:

▶ French (conversational proficiency)	▶ Java	▶ ADP/Reynolds
▶ Japanese (elementary proficiency)	▶ C++	▶ Linux (Ubuntu 16.04)
▶ VIM	▶ C	▶ GIT
▶ MongoDB	▶ Angular JS	▶ Google Cloud Platform
▶ SQL (Postgresql)	▶ Javascript	▶ Blender (2.6)
▶ Flask	▶ SocketIO	▶ GIMP
▶ Android Programming	▶ Python	

Work Experience:

Audi of Arlington, Arlington, VA - *Warranty Claims Administrator*   2014-2015

- Reviewed up to 100 warranty claims per day, which required the parsing of technical descriptions and supporting test data from technicians.
- Worked with several departments to ensure that responsible parties would deliver appropriate documentation for each stage of the repair process ensuring the claim would be paid.

HATS facilities management services, Dubai, U.A.E. - *Engineer/Business Development*   2010-2013

- Supervised maintenance and restoration projects for hospitality, residential, and industrial properties.
- Primary clients: Ritz-Carlton Dubai Marina and Le Meridian Dubai Hotel.
- Performed site surveys of primary building systems.
- Met with and vetted vendors/subcontractors.
- Work on several projects with teams from very diverse cultural, language, and religious backgrounds. (European, South Asian, Middle Eastern)

Mercedes-Benz of Honolulu, Honolulu, HI - *Warranty Claims Administrator*   2009-2010

- Maintained warranty standards across three different islands.
- Processed claims valued over $20,000
- Helped process necessary internal paperwork to maintain an in-house loaner fleet of over 70 vehicles.

Obsidian Motors (Mercedes-Benz Service Center), Oakley, CA - *Service Advisor*   2006-2009

- Met with repair shop clients to ascertain vehicle needs and plan services.
- Created estimates and explained/translated technical details to clients.
- Maintained on-line parts sales account (eBay) which averaged $2,000 monthly.

Certificates & Awards:

Dean's List   Fall 2016

    University of Mary Washington

[CP100A: Google Cloud Platform Fundamentals](#)   Nov 2016

    ROI Training

Honor Student of the Year Award   Nov 2015

    Northern Virginia Community College (Woodbridge Campus)

Links:

- Personal Website   http://tekksparrow.info
- Youtube Channel   https://goo.gl/RwNkoN