

Danny Vernaza

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EDUCATION

Florida Atlantic University

Bachelor of Science in Computer Science

May 2022

Bachelor of Science in Computer Engineering

May 2022

Undergraduate Certificate in Data Science: Computer Science Analytics

May 2022

GPA: 3.85/4.00 *Magna Cum Laude*

Miami Dade College

Associate in Arts

December 2018

GPA: 3.87/4.00

RELEVANT COURSEWORK

Introduction to Internet Computing, Data Structures, Principles of Software Engineering, Computer Operating Systems, Introduction to Logic Design, Introduction to Microprocessor Systems, Introduction to Database Structures, Introduction to Java, Introduction to Python, Introduction to Deep Learning, Mobile Apps Project, Introduction to Embedded System Design, Introduction to Data Science Analytics, Applied Database Systems

TECHNICAL SKILLS

Languages: C++, Java, Python, SQL, HTML

Software/Tools: MS Office, GitHub, Visual Studio, Code Composer Studio, PSpice, Altera Quartus, Solidworks, Android Studio, JSON, phpMyAdmin, MariaDB

ACADEMIC PROJECTS

Library Database (Applied Database Systems, Spring 2022)

Designed and created a database for a fictional library. The database had 3 tables that show what books they had, who were the members and who had any books checked out, the database also had functions to checkout and return books.

- Tools used: SQL, phpMyAdmin, MariaDB, MS Office

Home Security System (Intro to Embedded System Design, Fall 2021)

Designed and created a home security system. The system could be armed and disarmed using a keypad, it detects if someone was at the door, notices if a valuable object was moved using an accelerometer, senses movement using a motion sensor, and alert users using audio notifications.

- Tools used: MSP430, Code Composer Studio, breadboard, keypad, LCD screen, servo motor, PIR sensor, ultrasonic sensor, accelerometer, MS Office

Android App Development (Mobile Apps Project, Spring 2021)

Designed and created a weather app for android. The application could take voice, GPS or text input and display weather information of the desired location as well as a map with cloud coverage.

- Tools used: Java, Android Studio, JSON, Open Weather API, GPS, Text to Speech, Speech to text API, Google Maps, Postman, MS Office

WORK EXPERIENCE

Abercrombie & Fitch, Miami, FL

October 2013 – December 2016

Impact Associate.

- Received and processed shipment of merchandise, ensured the stockroom was neat and organized according to standards.
- Inspected and replenished designated area on the sales floor to ensure that it was clean, organized and that all merchandise in area was tagged and displayed correctly.
- Displayed a gracious, courteous and polite manner when interacting with customers and associates.
- Provided customer service by meeting costumers, answer questions, and provided information and directions.
- Interacted effectively with costumers' inquiries in a tactful, efficient and courteous manner.

12th Combat Aviation Brigade US Army, Katterbach, Germany

July 2009- February 2013

Base operations and air traffic assistant.

- Received, reviewed and ensured over 2500 flight plans were complete and met regulation requirements.
- Processed flight plans, submitted updates, amendments, and departure and arrival times to the Army Flight Operations Detachment (AFOD).
- Provided over 5000 airfield advisories, flight following services and weather observations to aircraft in local area when air traffic control was not available.
- Posted updates and disseminated flight planning materials, including charts, maps, NOTAMs and other publications required for flight planning and operations.
- Assisted and provided support to pilots and air traffic controllers.
- Performed routine safety inspection of the airfield to ensure all lighting systems, wind socks, markings, navigational equipment and signs were serviceable, and that runways, taxiways, and parking areas were in good condition and free of foreign objects.
- Provided safety briefings to soldiers and civilian personnel for operations on the airfield.
- Answered telephones, operated radio equipment and maintained logs.
- Understood and applied rules, directives, policies, laws and regulations.

164th Theater Airfield Operations Group US Army, Fort Rucker, AL

February 2007- June 2009

School, range and ammunition specialist.

- Received and coordinated range requests to allow maximum training opportunities for units to accomplish all required training exercises.
- Tracked and allocated ammunition for TAOG and subordinate units valued at over \$100,000.
- Coordinated and processed requests from subordinate units which resulted in over 200 soldiers being able to attend numerous military schools.
- Performed operational and administrative duties such as maintaining accurate and detailed files, records and entering information into automated systems.

TRAINING

Warrior Leader course (WLC)	January 2011
Hazardous Materials Familiarization & Safety in Transportation course	January 2008
Digital Training Management System course	August 2008
Combat Life Saver course (CLS)	December 2007
Aviation Operations Specialist course	February 2007