Carlos Chavez

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EDUCATION

Temple University, *Philadelphia, PA* **Expected Graduation: Fall 2024**
Bachelor of Science in Information Science & Technology *Current GPA: 3.4*

SKILLS

Technical Skills: Java, C, C#, Python, JavaScript, Swift, SQL, HTML5, CSS, Unit Testing, SQL

TECHNICAL EXPERIENCE

Temple University *Philadelphia, PA* **February 2020 - August 2021**
Web Developer

- Using JSP technologies and SQL to develop the General Education Programs website used by 3000+ undergraduate students
- Collaborating with engineers and General Education staff members to prioritize, plan, and track development
- Designing and maintaining PEX WordPress pages that promote 50+ local art and culture organizations

Pfizer *Collegeville, PA* **May 2020 – August 2020**
Mobile Application Developer Intern

- Tested and launched covidvaccinestudy.com supporting millions of English and Spanish speaking patients in the U.S.
- Presented Reliability Engineering project to Global Digital Operations team to improve reliability of 250+ digital assets
- Led team to 1st place in Pfizer's annual Shark Tank/Innovation Challenge by creatively designing a business that aligns with Pfizer's core values and culture.

Google *Virtual*
Hispanic Student Leadership Summit Participant **May 2020- August 2020**

- Selected as 1 of 53 (out of 1300+ applicants) students in the United States to participate in Google's HSLS Summit
- Participated in virtual leadership development seminars and software development workshops

Pfizer *Collegeville, PA* **May 2019 – August 2019**
Support Analyst/Engineer Intern

- Increased Latinx intern representation by 5% at Collegeville site by connecting Pfizer's Latino/Hispanic CRG to a non-profit
- Created end-user documentation and training materials for L3 support of Veeva/Salesforce platforms utilized globally
- Exposed to Pfizer's Software Development Life Cycle (SDLC), Git (a distributed source code control system), and writing queries to export data from Salesforce to an SQL server
- Enhanced and developed new components for the Support team's SFA Support Excellence site.

CCATE *Norristown, PA* **June 2018 – July 2018**
Teacher

- Held 1st ever coding camp in Norristown to ignite social transformation
- Taught 30+ children (ages 9-15) programming fundamentals and object-oriented programming using Python

PROJECTS

Car Rental Application - Using the MVC Design Pattern, C#, and Microsoft Access this CRUD application allows employees of a Car Rental business to perform their daily functions such as adding cars to their inventory, modifying details about cars, deleting cars from their inventory, etc. The application also allows customers to view, search, and rent cars through a Windows Form application.

Network Spell Checker - The Network Spell Checker uses multithreading programming techniques and network sockets to communicate between a server thread and client threads to see if a word exists in its dictionary while logging all interactions. This project was built using low-level C.

Recommender System - The Recommender System uses Python to implement User Based and Item Based Collaborative Filtering, which are Data Science techniques, on a movie data set with 100,000+ ratings from 1000 users on 1700 movies to get the similarity between different users and movies, in order to predict both their ratings.

Uber Simulation- The Uber Simulation uses JavaFX and many data structures such as maps, queues, stacks, and a graph to simulate a fake town with fake drivers. The application uses Dijkstra's shortest path algorithm to calculate the shortest paths for the driver depending on a customer's location and destination.