

Suong “Cindy” Tran

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TECHNICAL SKILLS

Programming Languages

Java, Python, SQL, HTML, CSS, JavaScript, Visual Basic

Applications/Frameworks/Libraries

Visual Studio, Android Studio, Eclipse, Git, Django, NumPy, Pandas, React, SAP ERP

Database Management

Microsoft Access, MySQL

PROJECTS

ProVacay Android Application

Developed an Android Application using Yelp API and Google Maps API to help travelers research and plan trips on one platform.

Connect Four

Implemented an AI using Alpha-Beta pruning, a search algorithm, to seek the best move to play Connect Four against an end user.

Secure File Transfer System

Implemented the OSI model: physical layer, data link layer, network layer, transport layer, and application layer to transfer data securely through the network.

WORK EXPERIENCE

Technical Specialist (Developer) – Southern California Edison

06/2017 – Present

- Automated mass updates to SAP ERP system using macros and scripting in Visual Basic to improve data integrity and increase time efficiency, which eliminated backlog for multiple team members.
- Developed a Change Management tool to track deltas and identify key metrics using Python’s Pandas and NumPy libraries for data manipulation and data alignment, which provided analysis for substations and equipment data to meet compliance and regulatory requirements.
- Attained knowledge of different substation major equipment and became the subject matter expert on relays equipment data to make connections through ETL to analyze and create reports.
- Used SQL to assist in the development and maintenance of reporting, databases, and the refinement of all data management tools.

Data Management/Analytics Intern – Southern California Edison

11/2015 – 06/2017

- Developed and implemented a graphical user interface with Microsoft Access to manage user roles and accesses for the data management tool.
- Automated reporting for Master Data to optimize data collection and increase time efficiency to improve work productivity.
- Performed quality control between data sets for comparison to confirm accuracy and reliability.
- Assisted in coding, debugging, and testing the data management tool before every new version goes into production.

EDUCATION

Bachelor of Science in Computer Science

California State Polytechnic University, Pomona

09/2012 – 06/2017

Major GPA: 3.5