Thanh Nguyen

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EDUCATION

SAN JOSÉ STATE UNIVERSITY | B.S. Computer Science
Expected May 2020 | Cum. GPA: 3.94 / 4.00

DE ANZA - FOOTHILL COLLEGE
May 2018 | Cum. GPA: 3.73 / 4.00 • Major GPA: 4.00 / 4.00

EXPERIENCE

D & T FOODS INC | Administrative Assistant
Sep 2014 – current | Santa Clara, CA

- Inventory Control Clerk and Purchasing Assistant.
- Creating automation tools using VBA in Excel to ensure inventory record accuracy and eliminate repetitive tasks
- Using Microsoft Dynamics NAV ERP and Microsoft Excel to extract, manipulate and analyze data
- Writing operation procedures, test questions and trained 8 new employees in Purchasing Assistant position

SKILLS

PROGRAMMING
Java • Python • SQL • PHP • Data Analysis using Python, R, Microsoft Excel, Tableau

TOOLS & UTILITIES
Unix • Windows • Git • Microsoft Office • Microsoft Dynamics NAV

PROJECTS

SEARCH ENGINE SIMULATOR | Java, Swing, jsoup
Individual work for Data Structure and Algorithms class
Using different types of data structure, sorting algorithms and HTML Parser to simulate a search engine, where user can search for a keyword, find related links sorted by a page rank for each link, change a page rank, update the result page, add, delete a link, and find the most popular keywords. Resulted in an A grade and demonstration in class

SOCIAL NETWORK SIMULATOR | Java, Swing
Individual work for Data Structure and Algorithms class
Using Hash Table, Hash Function and Linked List algorithms to simulate a social networking site, where user can create a profile, add and remove a friend, check friendship of any two users and see friend list of their friends. Resulted in an A grade

CHESS GAME | Java, Swing, JUnit, MVC pattern, UML diagrams
Team project for Object Oriented Design class
Collaborated with two other students to create a two-player Chess game with MVC design patterns, four UML diagrams. Resulted in an A grade

PUSHDOWN AUTOMATA SIMULATOR | JFLAP
Individual work for Formal Languages and Automata Theory class
Simulating Deterministic Pushdown Automata by Universal Turing Machine using building blocks in JFLAP. Resulted in an A grade

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms, Object-Oriented Design, Theory of Computation, Computer Architecture , Statistics and Probability, Linear Algebra, Differential Equation

ONLINE COURSEWORK
Python for Data Science, R for Data Science, Data Visualization with Tableau, Database System