John T Phang

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SUMMARY of QUALIFICATIONS

Passionate computer science professional who is seeking a career in becoming a Jr. Developer. Demonstrated ability to be a team-oriented player as well as being capable to work on solo projects. Recognized as a very level headed worker who can follow directions and can also make calls base upon the situation in a fair and calming manner. Skilled at learning and applying new information to my work style. Pays attention to customers' needs by answering questions that helps build a better satisfying relationship.

PROJECTS

- Ping Pong
    - Using the Atmega128 Microcontroller and several other components, I programmed an 8x8 LED Matrix to simulate the game Ping Pong.
    - I used the IDE Atmel Studios to program the components on my breadboard
    - I use the computer language C for this project
    - Link - https://www.youtube.com/watch?v=dRQZ0eLlMwE
- Automated Window's blind Controller
    - Using 2 Atmega128 Microcontrollers and several other components, I made an automated window's blind controller.
    - I use the IDE Atmel Studios in order to transfer the C code I have written to the components on my breadboard.
    - I used the computer language C to program the hardware components
    - I used Java and XML in Android Studios in order to create a simple Android Applications that allows me to have master and wireless control via Bluetooth.
    - Link - https://www.youtube.com/watch?v=c2QEzrEP6ww
- 8 Puzzle Solver
    - Used Python language to create an 8 puzzle solver.
    - The project required me to write 3 search algorithms and then compare them.
    - 3 search algorithms are:
        - Uniform cost Search
        - A* search with misplaced tile heuristic
        - A* search where the depth cost and h(n) is the distance to the goal heuristic.
    - I used the IDE PyCharm and Python 2.0 to program this 8 Puzzle Solver.
    - Link - https://github.com/phangjohn27/CS170_Individual_Project_2

SPECIAL SKILLS

- Programming Languages:
  - C (Beginner)
  - Java (Beginner)
  - Python (Beginner)
  - Bash Scripting (Beginner)
  - C++ (Intermediate)
- Operating Systems:
  - Windows Vista, 7, 8, & 10 (Advance)
  - Linux (Advance)
  - Mac OS (Intermediate)
- AVR Microcontroller (Beginner)
- LaTex (Advance)
- Microsoft Office (Intermediate)
- Windows server 2012
- Bilingual – Chinese (Cantonese) & English Fluently

JOB EXPERIENCE

April 2015 - January 2016 **Server**

Guppy Tea House – Temple City, CA
  - Seat Customers and take their orders in order to develop better server skills.
  - Able to memorize names of all menu items and answer customers' inquiries to build better relationship with the customers.
  - Adept on memorizing desserts and drinks measurements in order to add the correct amount to satisfy the customers' taste bud.
  - Experienced with using POS (Point of Sale) machines/cashiers and perform basic math skills in order to split payments when customers' want to.
  - Proficient at cleaning all work areas including equipments, utensils, and silverware and place it safely away in order to present a clean and well maintain establishment.
  - Able to keep kitchen staff and chef informed by noting the timing of each meal progression.
  - Able to serve orders by picking it up from the kitchen and delivering it to the customers' table in a timely manner to build better customers relationship.

- o Adept to taking phone orders by providing welcoming phone greeting and follow customers' orders promptly.

November 2014 - April 2015 IT Trainee
Computer Direct - San Gabriel, CA
- o Troubleshoot minor programmable issues over the phone to help build better relations with the customers
- o Demonstrate the ability to work off location and in location too.
- o Skilled at creating any size length Ethernet cable.
- o Skilled at installing Ethernet ports in walls through customers' location in order to give easier and cleaner access to the internet directly.
- o Adept at setting up security cameras in restaurants and connect all cameras to one monitor to strengthen security and minimize security labor.
- o Experienced at answering customers' computer technical questions and resolve their issues within a timely manner in order to build better customer relation.
- o Able to develop and design virtual menu on Point of Sales (POS) systems for restaurants to make it easier for the customers' employee to navigate the POS system.
- o Able to fix PCs, laptops, and Point of Sales (POS) systems, whether it is hardware related or software related or both in order to establish trust with customers when they come across a problem they cannot handle themselves.

June 2018 – August 2018 Data Entry & Customer Service
Eurybia Logistics, LLC – Irwindale, CA
- o Manage data entry and customer support functions for e-commerce shipping and tracking business.
- o Enter customers' orders, payments, and reports.
- o Manage email communications and help transcribe phone messages.
- o Update tracking for customers on a daily basis.
- o Perform clerical duties such answering the phones, research further information for incomplete documents, and transmit information electronically to other locations upon request.
- o Check and verify source documents and enter them into the computer.

August 2018 – December 2018 IT Field Engineer
Insight Global, LLC – Atlanta, GA
- o Contractor for Hewlett Packard (HP), for Bank of America (BAU)
- o Replace over 50 workstations per week

- o Manages Software updates on Windows server 2012
- o Replace servers and servers' batteries
- o Backup all data and information while running the Bank of America script on Windows server 2012.
- o Replace over 100 peripherals including QSTs, validators, printers, and scanners.
- o Configure printers' to DHCP and IPv4 and obtaining correct IP Address.

January 2019 – September 2019 Test Specialist
Cruise – San Francisco, CA
- o Ensure the safety of vehicles while in both autonomous and manual mode while operating the autonomous vehicle (AV)
- o Log vehicle behavior and monitor vehicle software as the AV passenger
- o Test the newest AV code and consistently deliver high quality feedback to engineers
- o Troubleshoot AV software in varied and dynamic environments
- o Identify abnormal AV behaviors and escalate them through the proper channels
- o Validate the performance of new and existing hardware including sensors and new vehicle platforms
- o Develop creative solutions to execute tests and improve operations
- o Provide exceptional ride demonstrations to employees and guests of Cruise
- o Remain well informed of all changes to vehicle behavior and tools
- o Become a leader and train new operators
- o Hold yourself and others accountable for maintaining our "Stay Safe" culture
- o Perform special projects as requested by various Cruise teams
- o Keep project details confidential

September 2019 – April 2020 Full Stack Engineer Consultant
Talent Path, LLC – Houston, TX

- Git
- HTML
- CSS
- Agile
- Javascript Fundamentals: Modern ES6 Feature, OOP, & Web Components
- React | Redux
- MongoDB
- MERN (MongoDB, Express.js, React.js, Node.js) Stack Architecture

EDUCATION

- Associate of Science, Mathematics, Pasadena City College, June 2015
- Associate of Science, Physics, Pasadena City College, June 2015
- Associate of Art, Engineering Technology, Pasadena City College, June 2015
- Associate of Art, Natural Science, Pasadena City College, June 2015
- Bachelors of Science, Computer Science, University of California, Riverside, December 2017