

Jian Sheng Teoh



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Summary

- Enthusiastic about learning new knowledge and skills directly or indirectly related to AI. Interested in a job and willing to work remotely or on-site. Currently finding algorithms to optimize workflow and increase productivity and efficiency in the workplace.
- Fluent in object oriented programming. I have good knowledge in C, C++, Java, Python, SQL and other OOP languages. I love developing programs primarily using C# for front-end development and Python for back-end development.
- I am currently self-learning more about web development/design and full-stack development to better expand my knowledge in the field.

Experience



Full Stack Engineer

Cosmo Solutions Technology, Inc.

Nov 2020 - Present (3 months +)

Redesigning and developing a new website to replace the existing website.



Software Development Engineer I

Amaranth Distribution

Feb 2020 - Sep 2020 (8 months)

- Designing, developing, and maintaining a pricing tool that uses existing data to estimate the price for a certain product using Python, PyQt5, and SQL.
- Increases productivity and efficiency by using built-in libraries to detect keywords in search queries to auto-fill certain fields, eliminating the need for the user to select multiple options.
- Program also helps design and print a bar code and price tag according to given designs.
- Integrating RESTful APIs into program allowing data to be uploaded and used on the VendHQ website to use in stores and shipping.
- Wrote a script to automate data imports using Python and SQL.
- Used the MEAN stack to design and develop a simple website to collect customer information
- Created a pop up submission form using HTML, jQuery, AJAX, and HTML for the website above



Systems and Software Engineer

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Jun 2019 - Aug 2019 (3 months)

- Maintain security and integrity of main computers by making sure all programs are up to date and free from any malicious intent.
- Optimize workflow within the workplace by establishing a local network to allow users to transfer and view files across the local network.

- Developed and maintained a program to design, print, and save information about products to increase productivity in labor and increase efficiency in inter-staff communications. (Python, VB.NET, HTML, JavaScript, and SQL)



Software Engineer

Amaranth Distribution

May 2018 - Jul 2019 (1 year 3 months)

- Optimize connections between photography PC to data entry PC by writing scripts to automatically transfer completed work
- Optimize and improve photography workflow by writing a script to automatically allow "photomagick" to adjust images according to needs to improve efficiency and productivity in the workplace and upload edited photos to different servers in the network (creating backups)
- Connect ShipStation to MySQL using Skyvia to improve efficiency for data analytics
- Host data on MySQL to utilize business intelligence to improve sales
- Implement QC system by synchronizing databases with vendor databases and Amazon databases. (VB.NET and C#)
- Redesigning main data entry software. Added logging, search, login system, export features, and more alongside existing functionality. (VB.NET, SQL)
- Wrote custom built programs to improve convenience and efficiency for workflow. (Price tag printing, importing of data from CSV files, product search through Amazon, eBay, and local databases, etc.) (VB.NET)
- Made a website for validating shipping tracking codes with local data and printed labels. (ASP.NET, JavaScript, HTML, CSS, RESTful APIs)
- Price estimator for stores with adjustable promotional formula (VB.NET, SQL)



Logistics Analyst Intern

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Jan 2015 - 2016 (2 years)

- Keeping track of the number of items sold
- Keeping track of number of items currently in the warehouse
- Adjusting stock transfer and return according to incoming delivery orders
- Ensuring that all records are up to date on the current day

Education



The Ohio State University

Bachelor of Science - BS, Computer Science and Engineering

2017 - 2019



Taylor's University

Associate's Degree, Computer Science

2015 - 2016



Sri Emas International School

High School Diploma, Cambridge IGCSE (O Levels)

2012 - 2014

Skills

Software Development • Algorithms • Python (Programming Language) • Machine Learning • Computer Science • Artificial Intelligence (AI) • Web Development • Information Technology • Engineering • Data Entry