

Philip Nguyen

Software Engineer

Personal Info

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Hard Skills

Programming
 Expert

Debugging
 Expert

Testing
 Advanced

Languages

C/C++
 Expert

Java
 Expert

PHP
 Advanced

Python
 Basic

Soft Skills

Communication
 Expert

Collaboration
 Expert

Critical Thinking
 Advanced

Positive thinking software engineer with 1.5 years experience developing reliable code for creating a more streamline business workflow. Innovated DataCare's *Ahshay!* web platform to allow end users more autonomy in their usage of the site.

Education

- Aug 2017 - May 2019 San José State University / *B.S. Software Engineering* / 3.52 GPA
- Courses: Software Engineering Process Management, Data Structures and Algorithms, Object-Oriented Design, Operating Systems, Software Quality Engineering, Engineering Reports
- Aug 2019 - Dec 2021 San José State University / *M.S. Software Engineering*
- Courses: Cloud Tech, Virtualization Tech, VR/AR Tech

Work Experience

- Jun 2019 - Oct 2020 DATACARE CORP / Associate Software Engineer
- Streamlined end user business logic and workflows on the web application platform
 - Successfully created and deployed backend programming suites in LAMP stack in a test driven development process
 - Identified and repaired software defects in a timely, and maintainable manner

Projects

- Oct 2020 - Dec 2020 STAYINN HOTEL RESERVATION SYSTEM WEB APPLICATION
- Designed and implemented a front end application to display the results of a wildfire machine learning module using React and NodeJS.
 - Deployed the web application to an AWS EC2 instance.
- Nov 2020 - Dec 2020 STOCK PORTFOLIO CALCULATOR
- Implemented a stock calculator that takes a number value and stock investing strategy and shows most effective spread of investment. Created using PyQt and yfinance API
- Mar 2018 - Apr 2018 SUDOKU VERIFIER
- Designed a multi-threading program that would take in a completed sudoku puzzle and verify whether it is a true sudoku in all directions and 3-by-3 blocks with C and Linux.

Additional Activities

- Jan 2016 - Jun 2017
- Volunteered as a Computer Lab Assistant to help students with debugging and their conceptual understanding of beginner and intermediate C++ programming, Java and x86
- Aug 2018 - Dec 2018
- Trouble shooted and graded student ARM assembly code as a Teaching Assistant