

JYOTHISH JOE VARGHESE

Software Engineer

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📍 Philadelphia, PA

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🐙 <https://github.com/joevarghesecoding>

EDUCATION

B.S.

Software Engineering

Pennsylvania State University

📅 September 2019 - current

📍 World Campus

🎓 GPA:3.44/4.00

Awards

- Dean's List - Spring 2022
- Dean's List - Fall 2021
- Dean's List - Summer 2021

Relevant courses

- Advanced Data Structures and Algorithms
- Software Testing
- Software Architecture

SKILLS

- Java
- C/C++
- Javascript (NodeJS, ReactJS, jQuery)
- C#
- SQL
- HTML5/CSS
- Android App Developer
- AWS
- Debian Linux, Unix, Git
- Selenium, JUnit, Sahi Pro
- MIPS

WORK EXPERIENCE

Data Entry Clerk

Coyne Chemical

📅 February 2019 - April 2021

📍 Croyden PA

- Created and Expanded Databases of sales contacts, increasing number of tables created by 50%.
- Gathered market and sales data and submitted it to formatted Excel spreadsheets, improving success of sales calls by 35%.

PROJECTS

Super Mario for Raspberry Pi

Creator

📅 September 2021 - December 2021

- Developed a Java based Super Mario game that was playable on Raspberry Pi without using a game engine.
- Integrated sprites that performed basic animations.
- Coded in Debian Linux and made functional in Raspberry Pi OS.

Student Budget App

Front-End UI Developer

📅 May 2021 - August 2021

- Built the UI of a student Android application using Java and Android Studio.
- Integrated a database built by the team to conduct operations using the Model-View-Viewmodel pattern.
- Utilized Agile methodologies to develop the project as a team and coordinated Scrum meetings.

Tic Tac Toe (in Assembly)

Creator

📅 January 2021 - May 2021

- Created a Tic Tac Toe game from scratch in MIPS assembly language.
- Developed an AI mode that mimics an opposite player.

freeCodeCamp Projects

Student

📅 January 2021 - current

- JavaScript: Regex Phone Number checker, Roman Numerals Converter
- Responsive Web Development: Survey Form, Tribute Page, Technical Documentation Page, Product Landing Page