

Eddy Mongkhonvilay

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Summary

Hard working Computer Science student that has experience in source control and software development. I need little hand holding to get tasks finished. My productivity is unmatched, and I will bring value to any team that would welcome me. I am motivated, I am hungry, and I am eager to learn.

Skills

- | | | |
|----------------------|--------------------|-----------------------|
| • Mathematics | • React - 2 years | • CSS - 3 years |
| • C++ - 3 years | • Node.js - 1 year | • GitHub – 3 years |
| • Java/OOP - 2 years | • SQL - 1 year | • Rest API – 1 years |
| • Python - 3 years | • HTML - 5 years | • Databases - 2 years |

Experience Highlights

- Reduced time of production planning at my current workplace from 2 hours to 5 minutes by creating a program in python that utilizes PDF libraries, dictionaries, and regular expressions. This program sorted two 124+page PDFs in order by an Algorithm that I created.
<https://github.com/pmongkho/PythonPyPDFsortingAlgorithm>
- Created a portfolio web application, by utilizing react.js, firebase, this gave me experience in API design, full-stack web development, CRUD operations in NoSQL databases, version control/source control, and user authentication.
<https://github.com/pmongkho/ReactFirebasePortfolio>
- Created a sudoku solver app. I utilized Node.js, Express and Axios to create a backend for my API calls, and a Front end with vanilla.js. This app helped me learn full stack web development.
<https://github.com/pmongkho/SUDOKU-SOLVER-API>

- Created a google translate clone. I used Axios, Express to make calls to my backend, and React to implement my frontend. This taught me how to reuse components and classes, and how to use my API calls in combination with react state to display data from the backend
<https://github.com/pmongkho/GOOGLE-TRANSLATE-REACT-AXIOS-EXPRESS>

Education

Fort Hays State
University

Bachelor's
Computer Science

Hays, KS
Graduating 2023

Work Experience

Logistics

10/2020 to Present
Simmons
Emporia, KS

Data entry, inventory, production management. I also assume a leadership role on weekends.

CNC Machinist

06/2019 to 08/2020
Perfekta
Wichita, KS

Control CNC machines using code, ensuring precise quality of products, and following federal standard operating procedures for aircraft part regulations. Made parts for Cessna, Boeing, and Northrop Grumman.

Robotics Welding/CNC fabrication

08/2017 to 01/2019
Moly Manufacturing
Ellsworth, KS

Operated robotic arm that assembled parts by process of welding, ensured quality of parts, and machined and engineered parts for robotic arm.