

John Robinson

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Objective

Aspiring software engineer, thrilled to apply my programming and collaboration skills in order to innovate and solve challenging problems

Skills

- Proficient: Java, C/C++, Python, Javascript, HTML/CSS, Linux, Git
- Prior Experience: JUnit, PyTorch, React, Flutter, Django, Tailwind CSS, SQL, SQLite

Education

Purdue University, West Lafayette, IN

Fall 2020-Fall 2024

Bachelor of Science in Computer Science with a concentration in Software Engineering

Work Experience

Fisher Packing, Redkey, IN

Summer 2023

- Collaborated with a Quality Assurance Specialist to digitize all inventory and production management
- Developed a GS1-128 barcode decoding extension for Google Sheets to manage inventory in real-time
- Moved all quality assurance questions to online forms connected to online spreadsheets
- Performed statistical analyses on QA data ensuring government requirements and quality standards are met

Projects

MediLingo, Pitt Challenge Hackathon

Fall 2023

- Hacked together a web game following the MERN tech stack in order to develop health literacy
- Built game path progression UI via react-flow and specific game components for teammates

FinanceFriend, Purdue University

Fall 2023

- Engineered a fully-featured budget multi-platform application operating on Flutter and Firebase
- Handled database, account/profile management, Google Maps API, and multiple social features

JudgeMe, Purdue University

Fall 2022

- Designed and coded a web app via Django and leveraging the Spotify API to connect users via music taste
- Implemented all music taste comparison features based on Spotify Research and playlist UI

Messaging Application, Purdue University

Fall 2020

- Messaging application in Java, implemented full-stack edit/delete plus additional UI features

Leadership Experience

Assistant Wrestling Coach

Summer 2022-Present

- Teaching leadership, personal improvement, and wrestling skills to HS and MS students

Ignite Small Groups

Spring 2022-Fall 2023

- Leader: Directed weekly Catholic small group in prayer, study, discipleship, and social events
- Coordinator: Organized ignite events, gave presentation and Q&A at Taylor University *Fall 2023 only*

Boiler Awakening Retreat Small Group Leader

Spring 2022-Fall 2023

- Prepared weekly setup meetings for retreat, then guided small group through retreat exercises

Key Course Curriculum

OOP Programming | Programming in C | Data Structures and Algorithms | Computer Architecture | Systems Programming | Software Testing | Software Engineering | Software Engineering Senior Project