Deven Mallamo

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Objective

Senior computer science student at Oakland University seeking a position as a Software Development Intern. Proficient in many programming languages and software development tools. Passionate about creating, programming, learning new skills and tools, solving problems, and helping others.

Education

Oakland University - GPA: 3.96   Expected Graduation: May 2025
B.S in Computer Science, B.A in Piano Performance

Work Experience

Software Design Intern

KUKA Systems North America LLC - Sterling Heights, MI   May - August 2023

- Used virtual commissioning software to create an environment to test PLC code that controls manufacturing plants for GM. Required a deep understanding of control flow, and strong problem solving and troubleshooting skills.
- Utilized C# and .NET to create a tool that can organize, query, and create testing notes, allowing employees to quickly find information about past projects and efficiently create new notes. The software increased productivity for our department, and its flexible design allowed for quick changes to be adapted by another department.

Music Theory Tutor / Piano Teacher

Oakland University - Rochester, MI   September 2022 - Present
Music Stadium Center Inc - Macomb, MI   February 2016 - August 2021

- Communicated complex ideas in a simple manner by tailoring lessons to the needs of each individual student.
- Became a leader by motivating and inspiring students to accomplish their goals.

Projects

Four Player Chess Timer App

- Creating a real-time four player chess clock application for Android and iOS using the Flutter framework and Dart to facilitate timing control for four players across different devices within the same local network.
- Designed the user interface using Figma, Flutter's widget library to implement the interface, and Dart for additional logic.

Portfolio Website

- Designed and created a responsive personal portfolio website, showcasing projects, technical skills, and other information using HTML, Sass, and JavaScript.
- Hosting the website with an AWS Linux EC Instance with an S3 Bucket for storage.

PgnAnalyzer

- Built an extensible framework for gathering data about a large number of chess games. Developed using C# and the .NET Framework.
- Allows users to create a custom analysis to run across many games, and export the data in a file format of their choice.

Technical Skills

Programming Languages - C#, JavaScript/TypeScript, Dart, Java, Python, HTML, CSS
Frameworks/Libraries - Flutter, React, React Native, Bootstrap, SCSS/Sass, Jest, JUnit
Tools - Git/GitHub, Visual Studio Code, Visual Studios, Various IDEs

Activities and Achievements

Campus Involvement - Various Musical Ensembles, Founder of the Rubik's Cube Club, President of the Chess Club.

- Gained leadership skills, organizing special events, and managing the club's budget.

Volunteer Work - Oakland School of Music, Rejoyceful Animal Rescue, World Medical Relief

- Became more active in the local community by helping with charitable causes.