

Devam Patel

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Motivated computer science student eager to make an impact as part of a tight-knit, highly productive and innovative team. Confident programmer passionate about designing and building new software applications. People-and goal-oriented, excellent communicator with years of teamwork experience.

EDUCATION

Portland State University | Portland, OR
M.S., Computer Science, Expected June 2025

Incoming Fall 2023

University of Portland | Portland, OR
B.S., Computer Science, 2019-2023

GPA: 3.75

TECHNICAL SKILLS

- **Programming Experience:** Java, C/C++, Python, JavaScript, PHP, SQL, HTML/CSS, MIPS Assembly
- **Developer Tools:** Visual Studio/Code, Git/GitHub, Azure DevOps, MySQL, SQLite, Android Studio
- **Frameworks:** React Native, Node.js, Google Testing Framework, Expo
- **Server Stacks:** LAMP (Linux, Apache, MySQL, PHP) including MAMP (Mac, Apache, MySQL, PHP)
- **OS:** Linux, MacOS, Windows
- **Relevant Courses:** Data Structures, Object Oriented Design, Software Engineering, Algorithms, Computer Architecture, Operating Systems, Compiler Design, Database Management Systems

RELATED EXPERIENCE

Software Engineer Temp | Coherent Inc. | Santa Clara, CA

Oct 2022 – May 2023

- Developed and updated a POST code framework which automatically validates and runs POST tests.
- Implemented new features which allows users to add/remove tests, specify tests and generate documentation.
- Utilized C++ to design and implement a base class which served as the foundation for all test classes.
- Demonstrated strong problem-solving and critical-thinking skills in addressing user requirements and implementing desired features.
- Effectively communicated project updates with the lead engineer by weekly standups.

Software Engineer Intern | Coherent Inc. | Santa Clara, CA

Summer 2022

- Collaborated with a small team of software engineers to implement Unit Tests for Coherent lasers.
- Published ~5500 lines of C++ test code using the Google Test framework.
- Thoroughly tested Coherent's lasers and reported/fixed any major bugs that were found.
- Planned and attended weekly meetings with other engineers/interns to discuss weekly progress/goals.

Teacher/Lab Assistant | University of Portland | Portland, OR

Dec 2021 – Dec 2022

- Assisted 60+ students in progressing through CS labs by answering any OOD related questions.
- Supported assigned faculty member with grading of assignments, homework, and exams.
- Communicated effectively with faculty member on grading parameters, requirements, and deadlines.

PROJECTS

PDX Diagnosis Medical App | *React Native, JavaScript, PHP*

- Designed and developed a user-friendly medical app for Physical Diagnosis PDX using React Native/Expo frameworks and JavaScript.
- Implemented back-end functionality using PHP scripting to retrieve and display data from the client's MySQL database within the app.
- Successfully applied Agile software development principles, conducting requirements presentations, collaborating with clients, conducting sprint/team planning, and ensuring frequent software delivery.

iBay | *LAMP Server Stack*

- Developed a comprehensive eBay replica leveraging a LAMP server stack.
- Implemented functionality that enabled users to participate in auctions by placing bids and ensured accurate real-time updates of ongoing auctions.
- Demonstrated expertise in database management by effectively organizing and maintaining the backend database structure of the eBay replica.

Stratego War Game | *Java*

- Collaboratively designed and developed a Stratego game version for Android using Android Studio.
- Implemented the AI functionality for the "Computer Player" and contributed to the creation of the game's GUI.
- Acquired new experiences with object-oriented-design, data structures, framework integration, and teamwork.