

NIRAJ MALI

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Skills & Abilities

- **Languages:** Java, Python, JavaScript, C++, C, PHP
- **Web:** HTML, React, React-Native, jQuery, AJAX
- **Tools:** git, Android Studio, Node.js, AWS
- **Databases:** SQL, GraphQL, NoSQL, DynamoDB, MySQL
- **Mobile Dev:** Android, iOS
- Experience in parallel computing using Intel TBB libraries
- **Academic Coursework:** Data Structures, Object Oriented Design, Computer Architecture, Parallel Programming, Algorithms, Databases
- Excels in both independent and cooperative work
- Experienced and qualified leadership capabilities
- Optimistic worker and learner with growth mindset

Job Experience

- University of Portland Student Full Stack Web Developer *(October 2018 – Present)*
- Developed web applications for University of Portland as full stack developer
 - Used Java for backend to manage communication between Oracle database and frontend users
 - Used HTML, CSS, & JavaScript with Bootstrap components such as Dropdowns and Forms for frontend
 - Used Oracle SQL Developer to manage Oracle database with SQL procedures
- Computer Science Tutor *(August 2018 – Present)*
- Worked one on one with students in understanding Java and object-oriented programming
 - Concepts taught included conditionals, methods, class implementation, and abstract classes
 - Additional help with understanding Python and C/C++ language and concepts

Projects

SIGN Fracture Care Mobile Application

- Developed a mobile application for Android and iOS for patient study data collection through Agile development
- Technologies: React Native, Expo, JavaScript, AWS DynamoDB, NoSQL, GraphQL
- React Native state management to create dynamic forms for survey creation
- Designed the database for the project and created GraphQL API for app

Oregon Smash Community & FGC Website, Project Lead (oregonsmash.com)

- Website used to advertise Oregon Smash Bros. events and media using React.JS
- Created multiple custom React components, including Collapsible and Footer component
- Implemented components from React Bootstrap front-end framework such as Carousel, Nav Bar, and Images

Test Device Booking

- Worked with students in Europe on a company web app used to track devices on a database
- Implementation of React framework using components to create each page of the website

Education

Bachelor's in Computer Science, University of Portland *Expected Graduation Year: May 2021, GPA: 3.2*

Leadership and Achievements

- Eagle Scout Rank: Project involved Kiosk Construction for Forest Grove Fire Department with three days of leading various teams of Boy Scouts, peers, and adults and over 200 hours of preparation
- University of Portland President's Scholarship(\$96k)
- Other Leadership: Treasurer of Super Smash Bros. Club, Capstone Project Sprint Leader

Other Experience

- Founder and leader of regional eSports team Unity Smash
- Tournament Organizer and Community leader of Oregon Smash Bros. community
- Jazz combo lead saxophonist and event organizer
- Clubs: Association of Computer Machinery (ACM), South Asian Student Union (SASU)
- Volunteered as a part of Key Club with over 100 hours including for Hillsboro Parks and Rec and libraries
- Volunteered with Nepali Association of Oregon(NAO) for cultural events and fundraisers
- Competitive Super Smash Bros. player