Bhargav Malladi

BMALLADI@UMICH.EDU • 510-460-0872 • GITHUB.COM/BSMALLADI • LINKEDIN.COM/IN/BHARGAV-MALLADI
BSMALLADI.GITHUB.IO

PROFILE

Computer Science undergraduate student skilled in web development, database management, and machine learning, seeking professional experience applying programming in meaningful, real world use cases.

EDUCATION

UNIVERSITY OF MICHIGAN, ANN ARBOR, MI

Bachelors of Science, Computer Science, Minor in Music   *Graduating 12/2022*

- 3.96/4.00 GPA, University Honors, William J. Branstrom Freshman Prize
- Relevant Coursework: Data Structures/Algorithms in C++, Database Management Systems, Web Systems, Machine Learning, Discrete Math, Multivariable Calculus, Linear Algebra

SAINT FRANCIS HIGH SCHOOL, MOUNTAIN VIEW, CA

High School Diploma   *Graduated 05/2019*

- 3.87/4.00 GPA, National Honor Society, California Scholarship Federation

EXPERIENCE

MULTIDISCIPLINARY DESIGN PROGRAM

Student Software Engineer for Learning A-Z   *01/2021-Present*

- Built a web-based spelling game for the Vocabulary A-Z product line, iterating through design, prototype, and test phases
- Collaborated with team members to implement various game components using HTML/CSS, AngularJS, PHP, and mySQL

CITY OF FREMONT RECREATION, FREMONT, CA

Summer Camp Leader   *06/2019-08/2020*

- Planned daily and weekly schedules, coordinating sports, arts, and STEM activities for elementary school children
- Supervised and assisted young campers during field trips and activities, ensuring safety standards were met and children were engaged

SKILLS

- Programming in: C/C++, Java, HTML/CSS/JavaScript, ReactJS, PHP, Python, SQL, MATLAB
- Containerization w/Docker, Kubernetes, and Red Hat OpenShift

PROJECTS AND ACTIVITIES

- **Personal Website:** Personally designed and coded site with information about me (**bsmalladi.github.io**)
- **DMDice Roller**: Customizable dice roller for tabletop gaming, built with React and Bootstrap
- **insta485:** Instagram clone using Python (Flask, Jinja), JavaScript (React), and SQLite
- **Logman**: Query interface for accessing/searching/sorting input log files, written in C++
- **Fakebook**: Social network database management simulation, using SQLPlus and Java (JDBC)
- **JazzMachine**: Creates "improvised" melodies with pre-defined chord changes, using various Python libraries
- **VOID Tech Consulting**: On-campus consulting group that offers web development services for small businesses and nonprofits
- **Michigan Campus Bands:** Full wind ensemble, playing Medium Easy - Difficult repertoire