

Bhargav Malladi

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EDUCATION

UNIVERSITY OF MICHIGAN, ANN ARBOR, MI

Bachelors of Science in Computer Science, Minor in Music

8/2019 - 12/2022 (Expected)

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

WORK EXPERIENCE

NOKIA DEEPFIELD, ANN ARBOR MI

Software Engineering Intern

06/2021-08/2021

- Designed and implemented a new licensing system for customer deployments of Deepfield products, including relevant API's, a migration strategy to update older deployments, and programmatic/manual testing
- Provided general support for team members with bug fixes and feature improvement contributions

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

UNIVERSITY OF MICHIGAN EECS DEPARTMENT, ANN ARBOR MI

EECS 445 (Machine Learning) Grader

09/2021-Present

- Assisted course staff with assignment grading and other course-related tasks

UNIVERSITY OF MICHIGAN JOY OF CODING, ANN ARBOR MI

Continuum Coach

06/2021-08/2021

- Provided coding help and career advice through virtual office hours for introductory coding class for high school students

SKILLS

- **Languages:** Python, C/C++, JavaScript, SQL, HTML, CSS, Java, PHP
- **Frameworks/Libraries:** React, AngularJS, Flask, Selenium, Numpy, Pandas, PyTorch, Scikit-learn
- **Technologies:** Git, AWS, WordPress, Redis, MATLAB, Processing/Max (audio-visual software editing)

PROJECTS AND ACTIVITIES

- **Personal Website:** Personally designed and coded site with information about me (bsmalladi.github.io)
- **Instagram clone:** Social media site with front/backend in Python (Flask/Jinja), JavaScript (React), and SQLite
- **Fakebook:** Social network database management simulation, using SQLPlus and Java (JDBC)
- **DMDice Roller:** Customizable dice roller for tabletop gaming, built with React and Bootstrap
- **Jazz Machine:** Creates "improvised" melodies to pre-defined chord changes, using various Python libraries
- **VOID Tech Consulting:** Web development consulting group for small businesses and nonprofits
- **Michigan Campus Bands:** Full wind ensemble, playing Medium Easy - Difficult repertoire