

RYAN-ALEXANDER THOMAS

Programmer. Web Developer. Music Educator. Student.

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Work Experience

FOUNDER/CEO – Umanity LLC – Columbus, OH – June 2016 - Present

- Oversees the fiscal activities of the organization including budgeting, reporting and audit.
- Assures a work environment that recruits, retains and supports quality staff and volunteers including the process for selecting, development, motivating, and evaluating staff and volunteers.
- Assures the filing of all legal and regulatory documents and monitors compliance with relevant laws and regulations.
- Participates in the evolution of company level best practices, standards, and policies as it related to software development.

SOFTWARE ENGINEER – superH Index – Columbus, OH – May 2016 - Present

- Added features to the company's platform including searchable databases and improved mapping.
- Coordinate between affiliated organizations to ensure accurate digital representation.
- Strive to create a visually appealing site that feature user-friendly design and clear navigation.
- Wrote and implemented algorithms for data mining and categorizing nation-wide tables, charts, images, and raw information.

PROGRAMMER – Massachusetts Institute of Technology – Remote – June 2015 - June 2016

- Write programs in a variety of libraries and computer languages.
- Update and expand existing programs.
- Debug programs by testing for and fixing errors.
- Cooperate with web designers to match visual design intent.

Education

THE OHIO STATE UNIVERSITY (2015-2019)

- B.S. Computer Science & Engineering
- Minor: Music Theory
- 2015 African American Homecoming King (\$500 Academic Scholarship)

UNIVERSITY OF HOUSTON (2013-2015)

- 3rd place Electrical Engineering Competition 2015

Expertise

PROGRAMMING

-Languages: JavaScript, Java, Python, HTML, CSS, MATLAB, SQL, C++, PHP

-Frameworks: AngularJS, Node.js, Materialize, React.js, Django, Flask

-Text Editors: Atom, Xcode

MUSIC THEORY

-Composition & Arranging

-Song Structure/Form

-Jazz/Blues Theory

WEB DEVELOPMENT

-Database Maintenance

-Google Console Developer

-Front-End Interface

-Wix/Squarespace/Wordpress

-Cloud Infrastructure

-Licensed Apple Developer

MUSIC PERFORMANCE

-Piano

-Saxophone (Tenor & Soprano)

-Bass (Upright & Electric)

TEACHING

-General Music Theory

-Jazz Theory & Composition

-Physics & Calculus

-Programming Languages & Frameworks.

-Teacher's Certification (2013)

AUDIO ENGINEERING

-Recording/Mixing/Mastering

-DAWs: Ableton, Logic, Studio One, Reason, Pro Tools

➔ REFERENCES AVAILABLE UPON REQUEST ➔