RYAN-ALEXANDER THOMAS

STUDENT | DEVELOPER | ENTREPRENUER | EDUCATOR

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Experience

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

- Evolve company level best practices, standards, and policies as it related to software development.
- Oversee the fiscal activities of the organization including budgeting, reporting and audit.
- Assure a work environment that recruits, retains and supports quality staff and volunteers.
- Assures the filing of all legal and regulatory documents and monitors compliance with relevant laws and regulations.

SOFTWARE ENGINEER | **superH Index** | Columbus, OH | May 2016 - Present

- Add features to the company's platform and expand functionality of databases.
- Coordinate between affiliated organizations to ensure accurate digital representation.
- Create a visually appealing site featuring user-friendly designs and clear navigation.
- Implement and improve algorithms for data mining and categorizing nation-wide tables, charts, images, and raw information.

PROGRAMMER | **MIT** | Cambridge, MA | June 2015 - June 2016

- Worked in a fast-paced environment, learning rapidly and mastering diverse web technologies and techniques.
- Wrote well-designed, testable, efficient code by using best software development practices.
- Integrated data from various back-end services and databases.
- Cooperated and collaborated with web designers and clients 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 (Academic Scholarship)

UNIVERSITY OF HOUSTON (2013-2015)

- B.A. Music Theory & Composition
- B.S. Computer Engineering

Expertise

PROGRAMMING
-Languages: JavaScript, Java, Python, HTML5, CSS, SQL, PHP, Ruby, MATLAB
-Frameworks: AngularJS, Node.js, Rails
-Version Control: GitHub, SVN
-IDEs: Eclipse, Visual Studio
-Systems: Mac OS, Windows, Linux

WEB DEVELOPMENT
-Graphical User Interface
-Database Management
-Cloud Computing/Storage
-FTP/SFTP

Licensed Apple Developer

TEACHING
-Music Theory/Composition
-Jazz/Improvisation
-Physics, Calculus, Linear Algebra
-Programming Languages/Frameworks

Teacher's Certification (2013)

MUSIC THEORY
-Composition & Arranging
-Song Structure/Form
-Jazz/Blues

MUSIC PERFORMANCE
-Piano/Keyboard
-Saxophone: Tenor/Alto/Soprano
-Bass: Upright/Electric

AUDIO ENGINEERING
-Recording, Mixing/Mastering
-Ableton, Logic, Studio One, Reason, Pro Tools

→ **REFERENCES AVAILABLE UPON REQUEST** ←