Lawrence Mullen

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EDUCATION

THE UNIVERSITY OF MICHIGAN, Ann Arbor, MI   *Sep. 2015 - May 2020*
Bachelor of Science – Computer Science
Bachelor of Arts – Film & Television Media

PROJECTS

CREATIVE AI LYRIC GENERATOR (*July 2020)*
- Personal project which combines python data scraping and computational linguistics theory generate new song lyrics based off of an artists' prior discography.

ITUNES SEARCH INTERFACE (*Feb. 2020 - March. 2020)*
- Constructed a website which expedites the process of searching through the iTunes catalogue while also providing users access to lyrics and annotations through the Genius API using Vue.js, Bootstrap, HTML, jQuery, and CSS.

ATTEND APP (*May. 2019 - June 2019)*
- Led end to end development of mobile app which provides quick and efficient verification of attendance by allowing students to check-in while actually present at a set location.
- Integrates OAuth 2.0 login and Google Places & Geofencing API's to ensure accuracy in student sign-ins.

INSTAGRAM485 *(Jan. 2019 - Feb. 2019)*
- School project that utilized HTML, JavaScript programming, React, AJAX, SQLite, and REST APIs.
- Constructed an Instagram clone hosted on AWS cloud services on which users could create an account, follow other users, upload/view posts, and write comments.

EXPERIENCE & INVOLVEMENT

ANIMAL PLANET   **Chelsea, MI**
Production Assistant   *May. 2019 - Jan. 2020*
- Responsible for equipment maintenance, logistical planning and creative planning, helping to achieve the production of *Saved By the Barn* which ran for 12 episodes on *Animal Planet (April – June 2020).*
- Supported the team throughout production & anticipated directors needs while travelling across the Midwest to rescue and rehabilitate neglected farm animals in need.

UNIVERSITY OF MICHIGAN WOMENS SOCCER   **Ann Arbor, MI**
Training Staff   `   *Jul. 2019 – Nov. 2019*
- Assistant to the head coach in bi-weekly training sessions for 25+ players; Part of a nationally top 15th ranked program and Big 10 finalist team.

MOTOR CITY SOCCER   **Ann Arbor, MI**
Marketing & Retail Associate   *Dec . 2015 - Sep. 2018*
- Oversaw digital advertising and in store sales while a maintaining a strong focus on customer satisfaction and collaborative teamworking skills resulting over hundreds of thousands of dollars of equipment sales each year.

CLUBS & ACTIVITIES   **Ann Arbor, MI**
Michigan Men's Club Soccer, MSwing Dance, Skyline Symphony Orchestra, Linder Cooperative House.

SKILLS & COURSEWORK

- Proficient: **C++, Python, Git, JavaScript, CSS, Vue.js, HTML, Adobe Premier Pro, Flask**
- Basic: **React, SQL, Bash, OCaml, Functional Programming**
- **Coursework**: Data Structures & Algorithms (281), Web Database & Information Systems (485), Computer Security (388), User Interface & Design (493), Programming Languages (490), Computer Organization (370), Mobile App Development (441).

- Co-Edited and Directed documentary features "When We're Together" and "301: A Documentary"
- Semi-Professional Soccer Player (Toledo United, AFC Ann Arbor, Jalisco Detroit)