Jordan Savage

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EDUCATION

University of Michigan, Ann Arbor, MI

2018 - Present

B.S. Computer Science, B.M. Saxophone Performance University of Michigan Music Merit Full Scholarship Cumulative GPA: 3.864

PROJECTS

CE Suggestion Filtering: Advanced Continuing Education Association(ACEA)

Summer 2020

Used React JS and Java to write a tool for the ACEA MyCE WebApp that allows admins to selectively show
continuing education suggestions based on a user's settings.

Club Management App: One Team Coding(OTC)

Winter 2020

• Worked as an Engineering Lead of a team of 5 to write the backend in PHP for a website that allows clubs to recruit, monitor attendance, send tasks out to members, and track membership data across semesters

Travelling Salesperson Problem: EECS 281

Winter 2020

Researched and implemented an insertion heuristic to solve the TSP problem in O(n^2) time. I created MSTs using Prim's algorithm for upper bounding of the algorithm.

Student Forum Post Classifier: EECS 280

Fall 2019

Wrote a machine learning algorithm in C++ to classify Piazza posts using the "Bag of Words" NLP technique
 Jazz Improvisation Generator: EECS 183

Winter 2019

• With a team of 4, I wrote a program in Python that composes basic jazz improvisations over a 12 bar blues

EXPERIENCE

Software Engineering Intern, Advanced Continuing Education Association(ACEA) Summer 2020

- Spent the Summer of 2020 working as a full-stack software engineering intern which included transferring old
 UIs over to React JS on the frontend and writing Java Spring MVC controllers for the backend
- I also wrote Python scripts and SQL Queries to complete maintenance tasks and queries on the database

Engineering Lead and Project Manager, One Team Coding

Fall 2019 - Present

My responsibilities as the Project Manager and Engineering Lead includes: planning development
cycles/phases, researching and selecting a technology stack for a given project, creating onboarding processes
for new club members every semester, and leading one of the five teams in development for a project

SKILLS

Languages, etc: C++, React JS, Java(Spring MVC), Python, HTML, CSS, Javascript, SQL

Tools: Git, JIRA, Github/Gitlab, TablePlus

CLASSICAL SAXOPHONE

U of M Saxophone Ensemble, Alto/Soprano Saxophone Eros Saxophone Quartet, Alto Saxophone Chair Finalist, "President's Own" US Marine Band Concerto Competition Third Place, NASA National High School Saxophone Competition Fall 2018 - Present Fall 2018 - Present February 2018 January 2018