

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**

- I used React.js and Java to write a frontend dashboard and backend controllers for the ACEA MyCE WebApp that allows admins to add continuing education suggestion filtering based on user settings.

Club Management App: One Team Coding(OTC) **Winter 2020**

- Through One Team Coding, I worked as an Engineering Lead of a team of 5 to write the backend in PHP for a Club Management application that gives clubs at U of M the ability to recruit, monitor attendance, send tasks out to members, and track membership data for their club across semesters

Travelling Salesperson Problem: EECS 281 **Winter 2020**

- I 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**

- I 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 **Summer 2020**

- I spent the Summer of 2020 working as a full-stack software engineering intern, including transferring old UIs over to React.js and writing Java controllers to modify the database.
- 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: 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 **Fall 2018 - Present**

Eros Saxophone Quartet, Alto Saxophone Chair **Fall 2018 - Present**

Finalist, "President's Own" US Marine Band Concerto Competition **February 2018**

Third Place, NASA National High School Saxophone Competition **January 2018**