

# Jordan Alexander Clemons

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## EDUCATION

### University at Buffalo - Bachelor of Science, Computer Science

August 2017 - May 2021

- Dean's list
- Web Development emphasis

## PROJECTS

### Playlist Generator with Spotify API - <https://www.preferify.app/>

- Created a web application fully integrated with Spotify's API to aggregate user data and curate playlists
- Developed with a Node.js backend to handle secure Spotify OAuth Authorization and React frontend
- Responsive for both desktop and mobile
- Peaked with ~500 monthly users

### Collaborative Schedule Manager

- Worked with a scrum team on web application that allowed users to create and collaborate on calendars together and communicate in real time via websockets
- Developed full stack application using a REST API with MongoDB, Flask backend and React frontend and deployed with Docker Compose
- Focus on security with secure user account storage and registration via session web tokens

### Realtime Online Tic Tac Toe - <https://io-tic-tac-toe.herokuapp.com/>

- Developed web application to play Tic-Tac-Toe instantaneously via websockets, users can keep scores and play with different players
- Created with a Node.js backend and React frontend
- Responsive for both desktop and mobile

### Web Server

- Produced web server via TCP connection with no external libraries or frameworks
- Intense parsing utilized for various requests and headers manually including websocket communications protocol at the bit level

### Functional Interpreter

- Developed program to programmatically compute various textual functions with functional programming
- Created with OCaml

## TECHNICAL SKILLS

### Languages & Frameworks

- Proficient: React, JavaScript, Node.js, Python, Java, Flask
- Previous Experience: C++, C, OCaml, Swift, React Native

### Other

- Git, CSS, Websockets, Docker, Docker Compose, MongoDB, PostgreSQL, Vim, Visual Studio, Windows, Mac, Linux, Agile/Scrum, Express, Figma