

Zev Lerner

**Software
Engineer**
Minor: Human Factors

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Skills

Languages: Python, C, C++, HTML, CSS, Java, JavaScript, React.js

Tools: Windows, Mac OS, Linux, Django, Github, Node.js, VMware, Eclipse, Adobe XD

Co-Curricular

Spotify Music Controller/ Spotify API Web Application

March 2021, Melbourne FL

- Multiple users join a hosted room and are able to pause, play, and skip the host's current track playing
- Built with Django to utilize the REST framework
- Pulls from Spotify's web API to control a music player
- Frontend developed using Html, CSS, Javascript, and React.js utilizing Material-UI components

Speed-Reader/ Open Source Web Application

November 2020 - Present, Melbourne FL

- Speed-Reader was created to help users read information faster from an uploaded document
- It displays one word at a time to register information at a faster pace
- Modular display speeds in the form of words per minute
- Uses Git to contribute to the project workflow on GitHub
- Working on code as a team with other contributors
- Backend developed in Python using Flask
- Frontend developed in Html, Css, and Javascript

Birthday / Python Language

November 2020, Melbourne FL

- Uses MySQL to fetch date of birth data from a database
 - Displays data as a heatmap using numpy and matplotlib
 - Range of years can be specified for data query
 - Widgets from matplotlib are used for user input
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Education

Florida Institute of Technology / B.S Software Engineering

August 2018 - May 2022 (Expected Graduation), Melbourne FL

Relevant Coursework:

Software Development with C, Algorithms & Data Structures, Intro to Software Engineering, Intro to Applied Human Factors, Human-Computer Interaction, Operating Systems Concepts, Software Design Methods, Applied Discrete Math, Calculus 1 & 2, Linear Algebra, Scientific and Technical Communication

Leadership

Pi Lambda Phi Fraternity / Vice President of Communication

January 2019 - November 2020, Melbourne FL

- Manage social media and alumni communication
- Communicate with external organizations
- Document meetings and information