

Davis Jordan

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EDUCATION

Purdue University

May 2021

West Lafayette, Indiana

Bachelor of Science in Computer Science with a Minors in Mathematics and Political Science

- *GPA: 3.2*
- *Relevant Coursework:* Data Structures and Algorithms, Computer Architecture, Analysis of Algorithms, Operating Systems, Intro to AI, Programming in C, Intro to Software Engineering, Discrete Mathematics.
- *Teaching Experience:* Undergraduate Teaching Assistant for Systems Programming during Spring 2020 and Fall 2020 semesters.

WORK EXPERIENCE

Google

May-August 2019, May-August 2020

Engineering Practicum Intern

- *Technologies:* C++, SQL, Protocol Buffers, Data processing pipelines, Cluster management systems.
- Took important steps toward converting a vital machine management system to a multi-component architecture by making drastic improvements to its limited logging structure.
- This project will allow the dev team to continue the process of converting the system's binary to smaller modules using an improved format of initiating workflows and following interactions.

Software Engineering Intern

- *Technologies:* C++, Google Search, Protocol Buffers, Backend systems
- Developed correctness monitoring in Google Search's indexing and serving system that verifies that newly created documents can be queried, only the latest version of a document is served, and that deleted documents are not served.
- Ensures that documents sent by clients are served correctly after moving through the processing pipeline.

PROJECTS

SplitSound

<https://github.com/symboxtra>

App Development, Mobile Development, Networking

- An app that uses RTP to share the audio of your device with another, whether it be an iOS, Android, Windows, or MacOS device.
- The user that wishes to share their audio would start a server on their device and others would be able to connect to it and listen to the audio on the host's device.

Magnet

Frontend Development, Web Development, React JS

- Team project for Intro to Software Engineering
- Developed frontend for a search engine that collects data from Twitter and various news sources on the user's search, performs a sentiment analysis on the data, assigns a sentiment score to the data, and outputs visuals for the search's sentiment score, including its sentiment score over time.