

Florian J. Janke

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<https://cs.utexas.edu/~florian> • <https://github.com/jaflo> • <https://codepen.io/jaflo>

Education

The University of Texas at Austin, Austin, TX
Bachelor of Science in Computer Science
May 2020

Relevant Coursework

Data Structures
Discrete Mathematics for Computer Science

Skills

Programming languages	Expert in HTML5 and CSS. Proficient in JavaScript, LESS, Java, and PHP. Exposure to MATLAB, SQL, and Python.
Frameworks and systems	Node.js, Express, Socket.IO, jQuery, Laravel, Lumen, and Linux.
Languages	Fluent in English and German. Intermediate knowledge of French. Basic knowledge of Korean.

Experience

Alcon Laboratories Inc. Intern August 2014	Shadowed at the IT department. Discovered how IT is handled in large corporate organizations and visited facilities, including a data center, relating to the technology used in the organization.
Fort Worth Museum of Science and History Digital Learning Guide February 2015 - May 2015	Helped out as a volunteer on Saturdays at the museum. Tasked with guiding visitors through the various installations and explained the science behind the exhibitions.

Outside Projects

Ctrl-F Video	https://video.loud.red • September 2016
<ul style="list-style-type: none">Assembled a service that finds the time at which a word or phrase was said in a YouTube video by searching through the video's transcript.Build using Node.js and YouTube's CC functionality.	
Gatshi	https://gatshi.com • May 2015
<ul style="list-style-type: none">Created a website for students that automatically imports student records and provides easier access to student data.Learned about the MVC pattern, database migrations, templates, and queues.Over a third of the high school student body registered to use the service.	
Transcribe	https://transcribe.space • April 2016
<ul style="list-style-type: none">Assembled a tool that transcribes speech and shares the transcription with others in real time.Made at a hackathon (EagleHacks 2016) with a team of four.Developed the server component to relay data between clients using Socket.IO.	
Pitch.py	https://git.io/viRuO • March 2016
<ul style="list-style-type: none">Programmed a Python script that takes a video and MIDI file and combines pitch-shifted video snippets to the melody of the MIDI file.	
3D Printer Camera	May 2016
<ul style="list-style-type: none">Designed a system for the science department using a Raspberry Pi to periodically send images of a 3D printer bed to a server to create a semi-live stream.	
Loud.red	https://loud.red • January 2016
<ul style="list-style-type: none">Operating a personal server that hosts a variety of projects.Deepened understanding of Linux, server configuration, and server administration.	