

Henry Fellerhoff

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EDUCATION

Loyola University Chicago

Expected Graduation: May 2022

BS Computer Science, BA Music (Vocal Performance)

GPA: 3.86 / 4.0

Awards: Dean's List

Courses: Data Structures and Algorithms, Object-Oriented Programming, Discrete Structures, Programming Languages, Computer Systems, Design/Analysis Computer Algorithms, Technical Writing, Open Source

EXPERIENCE

Software Engineering Intern, Dendron.so ([Site](#))

May 2021 – August 2021

- Built graph display in Next.js supporting thousands of notes and drafted design documents for features
- Worked in a fast-paced open-source environment, communicating with and building for thousands of users

Co-Founder, Modern.fm ([Site](#))

August 2020 – Present

- Built custom order management and ecommerce system to sell instrumental loops to music producers
- Created an access portal for customers to view all orders and download products
- Collaborated with co-founders on marketing, product design, and administrative tasks

Fellow, MLH Fellowship ([Site](#))

October 2020 – December 2020

- Built Learning Management System for the Department of Defense in collaboration with a small team
- Led frontend development, designing and implementing interfaces to view courses, take quizzes, and fulfill other LMS functionality

PROJECTS

Listen Together ([Site](#), [Github](#)) – React, Typescript, Firebase (Database, Functions), Node, Express Spring 2021

- Built web app enabling groups of friends to listen to songs on Spotify together
- Supports playback control and synchronous listening between multiple people

Primavote ([Site](#)) - React, Typescript, Firebase (Auth, Firestore)

Apr 2020

- Built web app enabling Cincinnati Children's Hospital Center for Pediatric Genomics to vote virtually on their pilot grant proposals, invoking confidence to award \$1M total to winners
- Implemented robust voting system for synchronous voting and created data visualizations for results

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Java, Python, HTML, CSS/SCSS

Technologies: React, Next.js, React Native, Gatsby.js, Firebase, PostgreSQL, GraphQL, Node.js, Git/Github

EXTRACURRICULAR ACTIVITIES

President, Don't Panic! CS – Computer Science club, host events and foster community August 2019 - Present

AWARDS

Same Home Different Hacks Hackathon – "Happy at Home" winner, 90+ total submissions

June 2020