stephen@hannon.dev
hannon.dev
Chicago area, 60067

STEPHEN HANNON

Computer science student interested in front-end
development and user experience design

Education

University of Notre Dame

Aug. 2017 – May 2021
Notre Dame, IN

- Major GPA: 4.00 / 4.00
- Overall GPA: 3.89 / 4.00
- Pursuing a BS in Computer Science with a minor in Collaborative Innovation (design)
- Relevant Courses: Design Research · Open Source Development · Programming Paradigms · Operating Systems · Compiler Design · Interaction Design · Visual Communication Design · Data Structures · Design Thinking
- Relevant courses in progress: Algorithms · Ethics · Human–Computer Interaction · Modern Web Development · Computer Networks

Awards & Honors

- Dean's List (Spring 2020; Spring 2019; Spring 2018; Fall 2017)
- Deloitte Prize for Best Underclassmen Contribution, AT&T Irish Hacks Hackathon (November 2018)

Skills

Languages

JavaScript & TypeScript
Python
C
C++
CSS & SCSS
HTML
Java
Bash
LaTeX
Scheme

Tools

React & React Native
Angular
Vue.js
Redux
Firebase
WordPress
Git

Software

Photoshop
InDesign
Illustrator

Relevant Employment

Web Engineer Intern — Summer 2020

Verkada — San Mateo, CA (remote)

- Developed and designed an internal portal, using React & Redux, to allow teams to explore the company's users and orders, working closely with backend engineers
- Worked on a web app for businesses to view and analyze security camera footage

Lead Software Developer — May 2020 – *present*
Software Developer — Jan. 2020 – May 2020

Eventurely — Notre Dame, IN

- Work with a team of students developing an app to connect students with campus events that interest them
- Building an iOS/Android app using React Native, Firebase, and Expo

Software Developer Intern — Summer 2018; Winter 2018–19; Summer 2019

VacayHome Connect — Chicago, IL

- Worked with a team developing and designing a new online admin portal to be used by vacation rental property managers
- Used Angular as a front-end framework, as well as TypeScript, SCSS, and HTML, to create a scalable, intuitive, and maintainable system

System Administrator — Nov. 2019 – *present*
Associate Sports Editor — April 2019 – *present*
Production Staffer — Aug. 2017 – *present*

The Observer — Notre Dame, IN

- Manage 1,000+ view/day WordPress site and eight office computers for Notre Dame's daily newspaper, while also providing other technical assistance as needed
- Edit stories for accuracy, grammar, and style, and design and lay out pages for print
- Work efficiently under a deadline and be flexible to change

Projects

Flexible (hannon.dev/flexible)
Vue.js web application for Notre Dame students to monitor spending of Flex Points (meal plan money). Generates a chart displaying spending over the semester.

Brick a Pic (brick-a-pic.github.io)
Web app that takes an image and converts it to a Lego mosaic. Built with Vue.js, HTML5 Canvas, and open-source development practices.

NP-Compete (hackathon project; np-compete.web.app)
Proof-of-concept web app to allow local nonprofits to raise money from donations in the form of votes. The app shows each organization's votes and donations in real time.

Regular expression matcher group project
Regular expression parser and find-and-replace program written in Python for my Theory of Computing class. Supports backreferences to make it Turing-complete.