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# 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  
L<sup>A</sup>T<sub>E</sub>X  
Scheme

### Tools

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

### Software

Photoshop  
InDesign  
Illustrator

## Relevant Employment

### Web Engineer Intern

Verkada

Summer 2020  
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](https://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](https://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-competite.web.app](https://hackathonproject.org/np-competite.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.