



# STEPHEN HANNON

shannon3@nd.edu   
stephen-hannon.github.io 

## Education

### University of Notre Dame

Aug. 2017 – May 2021  
Notre Dame, IN

- Major GPA: 4.00 / 4.00
- Overall GPA: 3.88 / 4.00
- Pursuing a BS in Computer Science with a minor in collaborative innovation
- Relevant courses: Intro. to Embedded Systems, Discrete Math, Logic Design, Design Thinking, Data Structures, Visual Communication Design, Computer Architecture, Systems Programming, Data and AI Ethics

## Awards & Honors

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

## Skills

### Languages

JavaScript &  
TypeScript  
Python  
C++  
C  
CSS & SCSS  
HTML  
Bash  
MATLAB  
Mathematica  
Verilog  
SVG

### Tools

Angular  
Vue.js  
Git  
Vim  
RxJS  
Shell  
Jira  
jQuery

### Software

InDesign  
Photoshop  
Illustrator

## Relevant Employment

### Software Development Intern

VacayHome Connect

June–Sept. 2018; Jan. 2019; May–Aug. 2019  
Chicago, IL

- Work with a team developing and designing a new online admin portal to be used by vacation rental property managers
- Use Angular as a front-end framework, as well as TypeScript, SCSS, and HTML, to create a scalable, intuitive, and maintainable system
- Incorporate Agile and Scrum methods for project management
- Remaining involved in company during academic year

### Associate Sports Editor

Production Staffer

*The Observer*

April 2019 – present

Aug. 2017 – present

Notre Dame, IN

- Design and lay out pages for the sports section of Notre Dame's daily newspaper
- Edit and fact-check stories for accuracy, grammar, and style
- Communicate well with writers and editors and train new production staffers
- Provide technical assistance as needed
- Work efficiently under a deadline and be flexible to change

### Cashier

Mariano's Fresh Market

June–Oct. 2015; June–Aug. 2017  
Palatine, IL

- Provided efficient, accurate, and friendly service while checking out customers at a grocery store known for its exceptional customer service
- Tasked with training several new team members

## Projects

### Flexible (personal project; [stephen-hannon.github.io/flexible](https://stephen-hannon.github.io/flexible))

JavaScript, HTML, & CSS web application for Notre Dame students to monitor spending of meal plan money called Flex Points. Generates a chart displaying spending over the semester.

### AT&T Irish Hacks Hackathon Team Project

Web application that allows ambulance drivers in Ghana to see the closest hospitals and how many available beds they have. Built with Vue.js, Firebase, the Google Maps API, and Material Design Lite.

### Logic Design Partner Project

Verilog project that displays elementary cellular automata to a monitor. Executed entirely using combinational and sequential logic on the hardware of an FPGA, without any computers.

### Intro. to Engineering Systems II Group Project

MATLAB simulation of the mechanics and usage of a group of elevators. Developed two algorithms to determine the most efficient car to send in response to a button press.

## Activities & Service

### CS for Good, Notre Dame

Jan. 2018 – present

- Member of a team that is developing a job search site for recent migrants in Guatemala
- Developing technical skills, as well as teamwork and project management