STEPHEN HANNON

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stephen-hannon.github.io 🌐

Education

University of Notre Dame

Aug. 2017 – May 2021

Notre Dame, IN

- Major GPA: 4.00 / 4.00
- Overall GPA: 3.91 / 4.00
- Pursuing a BS in Computer Science
- Relevant courses: Intro. to Embedded Systems, Discrete Math, Logic Design, Design Thinking

Saint Viator High School

Aug. 2013 – May 2017

Arlington Heights, IL

- GPA: 105.07/100.00
- Highest honors, National AP Scholar, State Champion in Journalism – Headline Writing

Skills

Languages

JavaScript & TypeScript

CSS & SCSS

HTML & SVG

C++

Python

MATLAB

C

Mathematica

Verilog

Tools

Angular

Git

Vim

Shell

Software

InDesign

Photoshop

Illustrator

InVision

Employment

Software Development Intern

June–Aug. 2018

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
- Incorporated Agile and Scrum methods for project management
- Currently remotely working part-time

Production Staffer

Aug. 2017 – *present*

The Observer

Notre Dame, IN

- Design and lay out pages for the sports section of Notre Dame's daily newspaper
- Communicate well with other office staffers and provide technical assistance as needed
- Work efficiently under a deadline and be flexible to change

Cashier

June–Oct. 2015; June–Aug. 2017

Mariano's Fresh Market

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

Intern

July–Aug. 2016

Encore Repair Services

East Dundee, IL

- Part of a work-study program through my high school
- Participated in all aspects of the company's operations, including testing, cleaning, shipping, and receiving repaired phones; performed clerical office work as needed

Projects

Flexible (personal project; 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.

Logic Design Partner Project

Verilog project that outputs a random walk of colored pixels 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

The Catholic Worker

Feb. 2018 – *present*

- Serve breakfast once a month at a homeless shelter in South Bend
- Cook, pour coffee, wash dishes, or just spend time in conversation with guests