Brendan Manfred
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http://brendan-manfred.codes

EDUCATION	**University of Notre Dame**	Notre Dame, IN
	Bachelor of Science (Computer Science)	May 2022
	Major GPA: 3.70	

EXPERIENCE

Reyes Holdings — Rosemont, IL

Data Science Intern — Summer 2020
- Developed a customer network DAG to track how a product moves throughout a new market and make informed recommendations on where to place new products
- Created a predictive model to anticipate a customer's future stock in 5 different beverage categories
- Parallelized final project to decrease runtime by 1000% and greatly decrease resource usage

Engineering Intern — Summer 2019
- Saved the company $50,000 by deleting and disabling stale user accounts using an endpoint management tool called Systems Center Configuration Manager (SCCM)
- Worked with an engineering team to make sure company was able to function by maintaining the network, servers, and end users

Habitat for Humanity — Waukegan, IL

Volunteer — June 2018-Present
- Volunteer to help build walls and roofing for various homes in the Waukegan area
- Organize and stock the Habitat for Humanity ReStore which sells different home improvement items

Lake Bluff Park District — Lake Bluff, IL

Camp Counselor — Summer 2018
- Organized games and activities for 5 different camps, with 20 different campers each aged 8-13 for 10 weeks
- Distributed game plans and day plans for each day to the group of counselors in order to improve efficiency and eliminate down time for campers

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LEADERSHIP

Notre Dame Club Hockey — Notre Dame, IN

Vice President — Fall 2018-Present
- Organize and structure the team schedule, including scheduling practice and game time, booking hotel rooms, buses, and rinks
- Accept feedback from team members to best tailor the program for the specific needs of that year

Keenan Hall — Notre Dame, IN

Academic President — Spring 2020-Present
- Collaborate with dorm president to assist first-years in getting acclimated to college level academics
- Planned events including "Learn to Code" and "Personal Finance" workshops for anyone interested in coding and personal finance
- Invited staff members to come into Keenan and lecture about their specialties

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ACTIVITIES

CS For Good — Notre Dame, IN

Team Member — Fall 2019-Present
- Collaborate with a team of 5 members to design and build websites for a non-profit in the South Bend area that cannot afford to pay developers to make their websites
- Use HTML, CSS, and Bootstrap to create seamless user interfaces ensure all information was properly available for end users

Explore Excite Engage — Notre Dame, IN

Team Member — Fall 2019-Present
- Work closely with local high schools in the South Bend area to get students excited about going to college, showing them that college is an option for everyone
- Mentor high school students by editing college essays, helping them with applications, and answering any questions they have about the college process

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SKILLS

Programming Languages: C++, C, Python3, R, SQL, Linux/Unix, BASH, ZSH, HTML, CSS, Bootstrap
Computer: Microsoft Office Suite, RStudio, Microsoft SQL Server Studio
Interests: Cooking, Poker, Intramural Sports, Hockey