

Daniel G. Huss

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EDUCATION

University of Notre Dame

Bachelor of Science

Computer Science

Notre Dame, IN

Graduation: May 2026

GPA: 3.46

RELEVANT COURSEWORK

Data Structures, Systems Programming, Linear Algebra & Differential Equations, Discrete Mathematics, Embedded Systems and IoT, Design Thinking, Ethics and Professional Issues

EXPERIENCE

Notre Dame Video Game Development Club

Co-Head of Web Development

Notre Dame, IN

March 2023-Present

Student International Business Council, STEM Division: Cardinal Health, INC.

Travel Team Member

Notre Dame, IN

September 2023-December 2023

- Developed a client targeting tool for the Cardinal Health Regulatory Sciences and business development teams to help identify new clients. **[Python, HTML, CSS]**
- Successfully presented and demoed the client targeting tool to management. The app was immediately adopted for use in the regulatory sciences division.
- Conducted market research to advise management on ways to differentiate themselves from competitors.

JK Tool

Operations Intern

New Kensington, PA

Summer '22 & '23 & Winter '23-24

- Independently automated various workflow processes using Power Automate, saving over 60 hours of labor per year. **[Power Automate]**
- Created Excel Macros to generate weekly reports and satisfy other business needs. **[Excel, VBA]**
- Led a successful effort to transition from a physical record-keeping system to an electronic system, saving over \$500/year. **[leadership, communication]**
- Developed a well-rounded understanding of the tool & die industry by working in various departments including operations, administration, quality assurance, and machining.

Smart Sensing for Humans Lab, Carnegie Mellon University

Research Assistant

Pittsburgh, PA

June-August 2021

- Contributed to the development of a data pipeline by developing systems for the sending and receiving of data from AWS/Google Cloud, implementing data segmentation techniques, and creating a cloud-based app for data visualization. **[Python, Heroku, AWS, Excel]**
- Transcribed audio files using Audacity and Elan software to establish a ground truth for verifying the accuracy of automatic speech recognition (ASR) services. **[Elan, Audacity]**

Pearls on Tap

Student Business Owner

Notre Dame, IN

September 2023-Present

- Sole employee of campus bubble tea business responsible for managing all elements of the business.

Shady Side Academy Personal Finance Club

President

Pittsburgh, PA

August 2020-June 2022

- Researched and presented weekly lessons at club meetings to promote financial literacy.
- Formed a partnership with a local school's investment club to share ideas and hold joint events.
- Increased club engagement and diversity by gaining 20 new club members.

SKILLS: C, Python, Linux/Unix, HTML, CSS, Power Automate, Microsoft Office