Benjamin W. Centner

bcentner@umich.edu || (616)-540-5322 || bcentner.github.io

Education

University of Michigan

Ann Arbor, MI 2018- 2022

Bachelor of ScienceDouble Major: Computer Science

Film, Television, and Media

• GPA: 3.45 / 4.0

Courses: Web Systems, Data Structures and Algorithms, Foundations of Computer

Science, Programming Languages, Introduction to Computer Organization, Discrete Mathematics, Practical Programming in Java, and Animation and

Digital Media Practices II.

Work

VIVID Detroit LLC

Ann Arbor, MI

Editor July 2021 - August 2021

Created multimedia content and incorporated critical feedback to fulfill client's vision.

Project Manager
Managed production process across two editors and four weekly projects, distributed work

Managed production process across two editors and rour weekly projects, distributed work efficiently and guaranteed client's creative and technical needs.
Utilized understanding of engagement algorithms to increase impact across Instagram,

YouTube, and TikTok.

UMich Electrical Engineering and Computer Science

Ann Arbor, MI

Research Assistant

July 2021 -PRESENT

- Compared hundreds of news articles (English and Spanish) and standardized information using an established scoring system. Collected annotations acted as a training set for a machine learning algorithm.
- Uncovered discrepancies between annotators by comparing point distributions and interpreting confusion matrices.
- Revised coding framework to increase accuracy, resulting in agreement as high as 70% across 20 coders.

Exploration School

Wellesley, MA

Instructor & Residential Advisor

January 2019 - August 2019

- Selected from a pool of over 1,100 applicants to be one of approximately 40 instructors.
- Developed curriculum for both a weekly 35 hour course and a 3 hour workshop.
- Received critical feedback from students and management, incorporated criticisms to refine curriculum over 6 weeks to provide a better learning experience.
- Fostered an inclusive environment with consideration to diversity, identities, and beliefs.

Leadership Experiences

Filmic Ann Arbor, MI

Editor September 2018 - PRESENT

- Collaborated and conceptualized media products for over eight clients, across seven semesters.
- Facilitated talent acquisition process over two years, including a multi-round interview process.

Alpha Delta Phi Ann Arbor, MI

Executive Board

September 2018 - PRESENT

- Elected to multiple executive board positions over three consecutive semesters.
- Led multiple initiatives, including a rebranding campaign. Revamped educational curriculum resulted in a chapter growth of 160%.

Panera

Ann Arbor, MI

Zone Leader July 2020 - August 2021

Trained over 20 employees.

Skills

Computer: C++, C, Java, SQL, HTML, CSS, LaTeX, Git, Premiere Pro, After Effects, Photoshop, Excel Spanish: Michigan Seal of Biliteracy - Certificate of Proficiency