

ERIN DONAHUE

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EDUCATION

University of Michigan
B.A. Linguistics
Minor Computer Science
GPA: 3.82/4.00

COURSE WORK

UX/UI Design (current)
Data Structures &
Algorithms
Computational Linguistics
Cognitive Linguistics
(Graduate level)
Comparative Linguistics
Programming I & II
Discrete Mathematics

SKILLS

C++	(.....)
Python	(....)
C#	(...)
HTML/CSS	(...)
OpenGL	(..)
JavaScript	(..)
SQL	(..)
UNIX Command Line	
Visual Studio	
XCode	
Git	
Public Speaking	
Agile/Scrum	

INTERESTS

UX/UI Design
Project Management
Disability Activism in
Tech
Computer Science
Education
Women in STEM

VOLUNTEERING

Services for Students
with Disabilities
Mentor for Women In
Science Engineering
Residential Program
(WISE RP)

EXPERIENCE

J.P. Morgan Chase & Co.

- Technical Analyst (Development) Jun2017 - Aug2017
- Worked as a software developer for a team in Corporate and Investment Banking.
 - Developed a Web Application to organize database queries (SQL, JavaScript).
 - Constructed web GUI that reduced processing time of application functionalities by two weeks (Full stack).
 - Reduced redundancy of code base by over 66% (C#).

University of Michigan College of Engineering

- Instructional Aide for EECS 183 Jun2015 - Current
- Coordinate with 25 staff members in order to maintain EECS 183, an introduction to programming (C++, Python) course with over 900 students.
 - Hold office hours and teach a weekly lab section with 35 students.
 - Create and distribute lab section materials and class examples.

University of Michigan Information Technology Services

- Canvas Crew Consultant May2016 - Aug2016
- Provided consultations to 50+ faculty on issues such as pedagogy, instructional design, and IT trouble-shooting.
 - Organized and transferred large amounts of course data with high levels of efficiency and accuracy for over 100 university courses by employing ITS Convert2Canvas tool.

Digital Education and Innovation Lab

- Personalization Fellow (eCoach) Jun2015 - Sep2016
- Developed and published weekly content for 183Coach (powered by eCoach), an automated, tailored online system that delivers feedback and words of encouragement to students from various computer science courses.
 - Organized and presented data obtained from large scale (900+) student surveys.
 - Collaborated with behavioral scientist to craft meaningful messages targeting minority groups (women, POC, LGBTQ) in upper level computer science courses.

PROJECTS

Connect4 Final Project

- Acted as project team manager for EECS 183 Connect4, a C++ and OpenGL project with 320 students.
- Implemented project for the instructor solution.
- Maintained auto-grader and living project specification throughout the duration of the project.

Personal Website

- Designed a personal website using a modified bootstrap template.
- Gained proficiency in HTML and CSS.