

Cameron White

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EDUCATION

UNIVERSITY OF MICHIGAN

BS IN COMPUTER SCIENCE

Expected Dec 2018 | Ann Arbor, MI
Cum. GPA: 3.47

MICHIGAN STATE UNIVERSITY

BS IN COMPUTER SCIENCE

Sep 2014 - May 2016 | East Lansing, MI
Cum. GPA: 3.76

LANGUAGES

Most Comfortable:

- C++
- Python, Flask
- C#, ASP MVC
- Git, Bash

Capable:

- HTML, CSS, JS
- AngularJS, D3.js, SQL

COURSEWORK

EECS 203 Discrete Mathematics
EECS 280 Programming and Introductory
Data Structures
EECS 281 Data Structures and Algorithms
EECS 376 Foundations of Computer
Science
CSE 231 Introduction to Programming I
CSE 232 Introduction to Programming II
MTH 116 College Algebra Trigonometry
MTH 132 Calculus I
MTH 133 Calculus II
MTH 234 Multivariable Calculus

PROJECTS

Team lead:

BiasBot, Jarduino, Pomodoro Playlist

Solo:

IoT lights, IoT blinds, 3d simulation in d3
Instagram api spa

LINKS

Personal site: camwhite.io
LinkedIn: [camwhite](#)
Github: [whittec54](#)
Medium: [@cameronswhite](#)

EXPERIENCE

CROWE HORWATH | SOFTWARE DEVELOPMENT INTERN

Summer 2017 | Indianapolis, IN

- Developed an ASP MVC application to provide insight into the performance of email campaigns for a fortune 500 company spanning 100+ locations
- Designed supplementary SQL tables and the jobs that maintained them to enable filtering on new fields and to new track metrics based on individual email templates in a 100,000+ email per day system while preserving performance
- Migrated an existing fully ASP MVC application to an AngularJS front end, modifying existing server side ASP code resulting in improved readability, abstraction, and performance.

USAA | SOFTWARE DEVELOPMENT INTERN

Summer 2016 | San Antonio, TX

- Designed and implemented data visualization tools to monitor the efficacy of more than 2,600 applications used by a campus of over 30,000 people for company executives using D3.js
- Designed and implemented an interactive visual explanation of the relationships between 20 intertwined tags and categories of applications for executives using D3.js

MSU STUDENT ATHLETE TUTORING | PYTHON TUTOR

Jan 2016 - May 2016 | East Lansing, MI

- Ensured students' success in class by discovering and addressing gaps in understanding of core concepts including: selection and iteration, strings, functions, data structures (lists, dictionaries, tuples), file processing, and classes

EXTRA-CURRICULAR

CODECONNECTS | MENTOR

June 2016 - Present | Ann Arbor, MI

- Serving as a mentor offering one-on-one computer science instruction and mentorship to underrepresented middle and high school students via codeConnects' online platform
- Wrote a call to action currently featured on the front page of the-cs

MACHINE LEARNING | STUDENT

summer 2017

- Team lead for baisbot: Attempting to identify spin in the news with ML
- Authored the still running educational series: Machine Learning for the Layperson
- Creator and Admin of IndyML's slack channel (Indianapolis ML meetup Group)
- Completed Andrew Ng's course covering "parametric/non-parametric algorithms, support vector machines, kernels, neural networks ... clustering, dimensionality reduction, recommender systems, deep learning ... bias/variance theory and AI" over 113 lecture videos, 17 quizzes, and 8 projects

DESIGN FOR AMERICA | TEAM LEAD

Aug 2015 - Present | East Lansing/Ann Arbor MI

- Lead a team to design and create an IoT smart giving jar to promote community and charitable giving at local businesses at MSU
- Served as a leader in deciding the strategy and direction of the studio as a whole
- Currently serving in an advisory capacity to founders as we get a new studio off the ground at U of M