

Veronica Day

44328 Whitefish Bay • Clinton Township, MI 48304 • vcd@umich.edu • (586) 871-4893

EDUCATION

UNIVERSITY OF MICHIGAN

Dual Degree Student: B.S. Computer Science, B.B.A Ross School of Business

Technical Skills:

Proficient in: C/C#/C++, Python, PHP

Familiar with: Unity, HTML, CSS, JavaScript, MySQL

Experience in: UNIX/Linux, Git, RegEx, Bootstrap

Coursework:

- EECS 281 Data Structures & Algorithms | EECS 388 Computer Security | EECS 370 Computer Architecture

Awards:

- First Place, Erb Institute India Sustainability Competition
- Henry Ford Health System Scholarship Recipient
- University Honors, 2014-2016

Activities:

- Co-founder Arc Innovations – working to transform how universities approach interdisciplinary research
- Marketing committee, GEECS - Girls in Electrical Engineering and Computer Science
- Hopper Volunteer, 2017 Grace Hopper Conference
- Dancer, Hipnotics Dance Ensemble
- Traveler, visited 1/7 Wonders of the World (so far)

EXPERIENCE

Trove AI

Cloud Software Engineer Intern

- Implemented API endpoint using PHP, MySQL to allow users to scan business cards to create profiles and view mutual connections
- Developed code linter to parse code, recognizing and fixing style errors in order to help standardize code review
- Used Regular Expressions and heuristics to improve email signature parsing for contact information

Gwydion, Inc.

Project and Business Manager

- Develop and update official business plan, conducting market research into virtual and augmented reality industry, providing insight on pricing models and marketing strategies in order to attract potential investors
- Collaborate with 3 members of software development team to create educational augmented reality application for the Material Science Department at the University of Michigan

Stryker Orthopedics

Product Portfolio Management Intern

- Acted as liaison between R&D and product strategy teams, offering insights into user needs and market trends, advising on future product features and design
- Designed metric for evaluating efficiency of robotically-enabled hip surgery, collaborating with team of UI/UX engineers on potential improvements for next generation surgical robot
- Identified trends in sales over last 5 years, gaining insights into growth rates and average selling prices, recommending specific products to remain in Stryker's portfolio based on profit analysis, resulting in more streamlined and directed portfolio

Girls Who Code

Program Coordinator, Mentor

- Design, lead, and facilitate weekly programming lessons along with team of 5 computer science students at U of M
- Teach high school students HTML, CSS, and JavaScript basics, progressing toward a final project, unique to each student's interests and coding level
- Mentor high school girls, engaging in discussions around gender and STEM, giving students the opportunity to gain confidence and discover potential careers in computing and technology

PROJECTS

AI Poetry Generator

- Utilized NLP, N-gram language modeling, to train program to create poems based on lyrics of various artists, combined with syllable parser to generate Haiku and rhyming poetry
- Used PySynth and a music scraper to gather music notes, employing machine learning algorithms to train program to produce MIDI melodies

Social Media Marketing Efficiency Program

- Wrote program in Python to quantitatively measure the impact of social media marketing on various fast food companies
- Implemented Twitter API to pull retweet frequency, compared data to sales revenue from financial documents, exploring the correlation between sales and social media presence

Ann Arbor, MI

May 2019

GPA: 3.47/4.00

Ann Arbor, MI

May 2017-August 2017

Ann Arbor, MI

January 2017-Present

Mahwah, NJ

June 2016-August 2016

Ann Arbor, MI

September 2016-Present