Veronica Day

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EDUCATION

UNIVERSITY OF MICHIGAN   **Ann Arbor, MI**
Dual Degree Student: B.S. Computer Science, B.B.A Ross School of Business   May 2019
Technical Skills: **GPA: 3.35/4.00**
Proficient in: Python, PHP, C/C#/C++
Familiar with: ElasticSearch, SQL, MySQL, HTML, CSS, JavaScript, Unity,
Experience in: UNIX/Linux, Git, Bootstrap, Agile, Pyramid, Fuel, Flask, CI/CD, REST API
Coursework:
EECS 486 Information Retrieval | EECS 398 System Design & Architecture in C++ | EECS 485 Web Development | EECS 370 Computer Architecture | TO 426 Mobile Innovation Development | EECS 388 Computer Security
Awards:
- 1st place, SurveyMonkey Intern Hackathon
- 1st place, Erb Institute India Sustainability Competition
- Hopper Volunteer, 2017 Grace Hopper Conference
- EECS 183 Showcase, J.P. Morgan award

Activities:
- Teaching Aid & Program Coordinator, Computing Cares, CSE Diversity Initiative
- Co-founder, Arc Innovations – working to transform how universities approach interdisciplinary research
- Marketing committee, GEECS - Girls in Electrical Engineering and Computer Science
- Dancer, Hipnotics Dance Ensemble

EXPERIENCE

SurveyMonkey   **San Mateo, CA**
Backend Software Engineer Intern- Survey Service Team   *June 2018-August 2018*
- Developed versioning feature for survey questions, allowing users to view question history while creating a survey, reverting to previous versions, and redoing edits by utilizing SQL temporal tables
- Worked cross-functionally, supporting survey creation service, writing various API endpoints, using Python Pyramid framework

Trove AI   **Ann Arbor, MI**
Backend Software Engineer Intern - Cloud Team   *May 2017-Present*
- Improved search result precision & recall, implementing query expansion, fuzzy information retrieval system in ElasticSearch
- Implemented API endpoints using PHP, MySQL to enable users to scan business cards, create profiles, and view mutual connections in Android app

Gwydion, Inc.   **Ann Arbor, MI**
Project and Business Manager   *January 2017-January 2018*
- Composed business plan, conducting market research into VR/AR industry to create pitch deck for potential investors
- Collaborated with software development team to create augmented reality application for the Material Science Dept. at U of M

Stryker Orthopedics   **Mahwah, NJ**
Product Management Intern   *June 2016-August 2016*
- Designed metric for evaluating efficiency of robotically-enable hip surgery, collaborating with team of UI/UX engineers on improvements for next generation surgical robot

Girls Who Code   **Ann Arbor, MI**
Program Coordinator, Mentor   *September 2016-Present*
- Design, lead, and facilitate weekly programming lessons along with team of 5, mentoring high school girls, interested in STEM

PROJECTS

C++ Search Engine
- Collaborated with teammates to build working search engine entirely from scratch. Ownership of ranking engine, HTML parsing, and UI design

RateMyProfessor Gender Bias Detector
- Applied TF-IDF vector space model, K-Nearest Neighbor, and Rocchio text classification to identify gendered language in RateMyProfessor profiles

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

Social Media Marketing Efficiency Program
- Fetch retweet frequency using Twitter API, compared data to sales revenue from financial documents, exploring the correlation between sales and social media presence