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, MySQL, HTML, CSS, JavaScript, Unity,
Experience in: UNIX/Linux, Git, Bootstrap, Agile, Pyramid, Fuel
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:
- Hopper Volunteer, 2017 Grace Hopper Conference
- First Place, Erb Institute India Sustainability Competition
- EECS 183 Showcase, J.P. Morgan award

Activities:
- Teaching Aid for 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 Engineering Intern- SurveyService Team   *June 2018-August 2018*
- Developed survey versioning feature, allowing users to view question history while creating a survey, reverting to previous versions, and redoing edits by utilizing Python and SQL temporal tables
- Designed UI for versioning in Survey admin tool, adding ability to use revert, undo, redo features

Trove AI   **Ann Arbor, MI**
Backend Software Engineer Intern - Cloud Team   *May 2017-Present*
- Improved search results by implementing query expansion, fuzzy information retrieval word mapping 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*
- 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   **Mahwah, NJ**
Product Portfolio Management Intern   *June 2016-August 2016*
- Designed metric for evaluating efficiency of robotically-enable hip surgery, collaborating with team of UI/UX engineers on potential 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

Political Bias Detector – In Progress
- Use Facebook's Fast Text ML model to train the application to recognize right-wing or left-wing bias in news text articles

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