Nazariy Dumanskyy

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University of Michigan -Dearborn   **Expected to Graduate May 2017**
- Bachelor's degree in Computer Science   GPA: 3.92

Awards

2nd Place at HackWSU   **May 2016**
- In 10 hours, created a Messenger Chat Bot that connects users with similar interests anonymously

James B. Angell Scholar Award   **March 2015**
- Received this award for achieving an "A" record (all grades of A+, A, or A-) for two or more consecutive terms.

Technical Skills

Languages: Python, MongoDB, MySQL, SQL, Java, HTML, CSS, C++, PHP, Javascript, HTML, Swift (some)

Frameworks: Django, Django REST, ScikitLearn, Git, Scrapy, jQuery, AngularJS, Bootstrap,

Concepts: Machine Learning, Data Mining, OOP/D, UML, Software Engineering

Programs: Photoshop, Dreamweaver, Fireworks, Microsoft Office, Linux

Noteworthy Projects

E-Commerce Recommendation Engine   **October 2015 - May 2016**
- Lead a group of 5 students to create a recommendation engine using collaborative filtering
- Involved in project managing to make sure progress was being made, communicated expectations, and was heavily involved in the recommendation script

Software Engineering - Ice Cream Truck Management System   **UofM - Dearborn - Winter 2016**
- Developed a Backend API for an ice cream truck management system
- Heavily focused on documentation by creating a Project Management Plan, Software Requirements Specification documents, and more
- Technologies Used: Python, Django, Django REST, and SQLite
- Github: https://github.com/Nazariy995/ice-cream-api

Python NLTK Search Cleanser / Query Optimizer   **Sparkwant LLC - May 2015**
- Parses a person's natural sentence into the parts needed for searching
- I was involved in the whole project from start to finish, from researching to creating the script
- Github: https://github.com/Nazariy995/ecommence-search-cleanser

Related Experience

Software Engineering Intern, Urban Science; Detroit, MI   **July 2016 - Present**
- Combined statistics from multiple car brands to showcase and predict the industry trends
- Created Visualizations with D3 to gain a better understanding of analysis results

Software Engineering Intern, Sparkwant LLC (Startup); Troy, MI   **Sep 2014 - May 2016**
- Codeveloped the back end of Trendala, a fashion shopping app, using Django, Python, MongoDB, and Django Rest Framework
- Increased product base by 100% from 60,000 to 120,000 for Trendala by developing web scrapers using Python and Scrapy(Data Mining)
- Improved products curation time by 50% by developing a front end web page using HTML and AngularJS
- Improved Sparkwant search by using a Python NLTK machine learning library
- Brought in ideas to better user retention. We went from a 90/10 dislike/like ratio to a 50/50 dislike/like ratio within the app, which is a significant improvement
- Codeveloped the back end for Shopdisto and Prodisto, both mobile apps, using Django and MongoDB
- Link: http://sparkwant.com/

Volunteer

Dance Teacher, Kolomeyka Dance Ensemble   **January 2014 - Present**
- Teach kids dance stunts and routines - https://youtu.be/QjcOqcRNyqs

References

Steve Hanna   Sparkwant LLC.   Phone: (248) 469- 3950   Email: steve@stevehanna.com