

Michael Benimovich

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msnimo.com

EDUCATION

Northwestern University, Evanston, IL

Anticipated June 2019

Bachelor of Science in **Computer Science**

Kellogg Certificate for Undergraduates in Managerial Analytics

Cumulative GPA: 3.51/4.0

Relevant Courses: Data Structures; Computer Systems; Statistics; Microeconomics; Principles of Finance

WORK EXPERIENCE

United States Department of State

September 2017 – Present

Data Analyst Intern

Evanston, IL

- Collected and visualized data for the Bureaus of Near Eastern Affairs and South and Central Asian Affairs, for internal use and external promotion and education
- Collaborated with business, management, and infrastructure teams to streamline large projects, allowing remote teams and individuals to work efficiently

Student Holdings

October 2016 – Present

Tech Manager

Evanston, IL

- Updated and maintained responsive websites for 2 companies in the Student Holdings portfolio, DesignWorks and NU|Tutors, using HTML, CSS, and JavaScript
- Implemented dynamic image-loading for the DesignWorks website, decreasing load times for webpages
- Maintained an automated billing system for NU|Tutors clients, using a Python-based web application hosted through Heroku
- Collaborated with both the NU|Tutors management team and the Student Holding's technology team, channeling communication between the two teams about new and continuing projects

Academic Publication Research Project

January 2016 – September 2017

Research Assistant

Evanston, IL

- Built and analyzed digital networks mapping the relationships of individuals in the field of Sociology, determining the influence of specific individuals within the academic circle
- Built a scraper using Python to collect acknowledgement data from online articles in the American Journal of Sociology and American Economic Review, importing this data into CSV and text files for use in network models
- Developed an extensive model utilizing two-way and one-way networks from a dataset of approximately 20,000 entries to analyze the interaction between individuals through publications using Python and NetworkX

LEADERSHIP

Hackathons

September 2014 – Present

Participant

Evanston, IL

- Developed front and backend programming skills in time-constrained simulations, turning ideas into working programs
- Created TextJam, a service that allows a user to text the name of a song to a specified phone number and add it to a corresponding playlist
- Designed and coded a video-manipulation program that scraped YouTube videos and their corresponding captions from the internet and used keywords in the captions to manipulate the video in accordance to the user's inputs

FIRST Robotics

September 2011 – Present

Mentor/Volunteer

Chicago, IL

- Guided 50 students on a local high school robotics teams on effective robot design, mechanics, and programming
- Served as a referee and scorekeeper at multiple competition events

SKILLS & INTERESTS

Technical: Python, HTML/CSS, Excel, Java (*Proficient*)

C++, C#, JavaScript, R, Racket, MATLAB, Tableau (*Basic*)

Language: Fluent in Russian

Interests: Big Data, Artificial Intelligence, Film, Camping, Graphic Design & Branding, Game Theory & Design