

# Michael Benimovich

michaelbenimovich2019@u.northwestern.edu  
(302) 562-8955 | 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