

# NAGMA KAPOOR

## CONTACT

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## EDUCATION

**Ryerson University**  
B.Sc Computer Science 2019

**Rutgers University**  
B.A Cell Biology & Neuroscience; Minor: English 2014

## COURSEWORK

Data Structures & Algorithms, Discrete Math I, Linear Algebra, Computer Organization I

## TECHNICAL SKILLS

**CORE LANGUAGES:** Java, C, JavaScript, Python  
**CORE FRAMEWORKS:** jQuery, Node, Express, Angular, Jasmine  
**CORE DATABASES:** MongoDB  
**VERSION CONTROL:** git/Github  
**SYSTEMS/SOFTWARE:** Mac OS, Windows, Android, Unix/Linux, iOS  
**LANGUAGES/Frameworks FAMILIAR WITH:** HTML/CSS, Django, Flask, bash, PostgreSQL, Mercurial, sqlite

## WORK EXPERIENCE

**Employment Assistant · Sep 2016 - Present**  
**Ryerson University Cooperative Education Office**

**Customer Contact Representative · Apr 2015 - Sep 2016**  
**Optima Communications International Inc.**

- Conducted outbound sales calls to customers for Optima clients while maintaining thorough knowledge of client products
- Generated over \$100K in revenue over the past 1.5 years, with ongoing daily sales revenue range from base \$300 up to \$3K

**Vice President · Apr 2013 - May 2014**  
**Women in the Health Professions at Rutgers**

- Coordinated planning and finances to organize career panels, documentary screenings and networking events for all students
- Developed relations with physicians, clinical directors, professors and professional health students to create a strong on-going network

**Staff Member, Global HealthU Committee · Feb 2012 - May 2014**  
**GlobeMed at Rutgers**

- Lead the organization through a year-long leadership development curriculum: analyzed case studies, debated, held small group activities to break down complex global health issues
- Raised awareness on HIV/AIDS and promoted global health equity through creative campaigns: ActiveU Gala (100+ attendees), Strip for Solidarity 5K, Making AIDS disappear, and Spread the Love handmade Valentines' Cards
- Financially supported our partner Cooperation for Social Services and Development (CSSD) to run their HIV/AIDS awareness program for at-risk populations in Phnom Penh, Cambodia; Over \$12K raised in the Spring 2014 semester

## PROJECTS

**Mapsical (Hack The North, UWaterloo)**  
**Sep 2016**

- Designed & built a maps-based social web app in MongoDB, Express.js, Node.js and Angular.js within 36 hours
- Built the user-authentication system in Node.js using passport.js and bcrypt.js
- Integrated Google Maps API with the user database, using RESTful API in Node.js and connected it to the front-end with Angular.js

**SelfCare**  
**Present**

- Developed an interactive self-care guide for individuals with mental illness/executive dysfunction using Java and XML in Android Studio

**Meena Bot**  
**Present**

- Integrated Natural Language Processing using the Api.ai library to train a healthcare/medical assistant chatbot
- Developed on the Facebook messenger developer platform with RESTful API in Node.js

**Quake Report**  
**Aug 2016**

- Parsed JSON earthquake data from the United States Geological Survey's Earthquake Hazards Program
- Designed an accessible user-interface to display quake intensity, distance from epicenter, and location origin using Java and XML in Android Studio

## RELEVANT EXPERIENCE

**Open-source Front-End Developer · Aug 2016 - Present**  
**if-me.org; A mental health community · Remote**

- Designed & tested a text-fade out for the if me contributor profiles page using Javascript (jQuery) and Jasmine
- Improved developer documentation for a more efficient setup to onboard new contributors
- Squashed bugs

**Emergency Department Research Associate · Jan 2013 - Nov 2013**  
**Hackensack University Medical Centre · Hackensack, NJ, USA**

- Communicated with & enrolled patients for a research study on Breast & Cervical Cancer in the Emergency Department using Research Electronic Data Capture (REDCap)
- Performed additional research studies on 100+ stroke and heart attack patients using Epic health database software to monitor, analyze and record data on patients in the Emergency Department
- Presented literature review in the field of Orthopedics to 50+ attendees, with a formal poster-presentation on Research Day

**Web Intern · Sep 2012 - Jan 2013**

**Signs: Journal of Women in Culture & Society · New Brunswick, NJ, USA**

- Improved website and social media analytics using Bit.ly to track user data
- Built a timeline of Signs history, updated page links and uploaded images using HTML on WordPress