

# NAGMA KAPOOR

nagmakapoor@gmail.com ■ 416-836-5756 ■ nagmak.github.io

Github: nagmak ■ LinkedIn: nagmakapoor

## TECHNICAL SKILLS

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<b>Core Languages</b>	Java, C, Javascript, Python
<b>Core Frameworks</b>	Express, Angular, Node, jQuery, Jasmine
<b>Core databases</b>	MongoDB, sqlite
<b>Version control</b>	Git/Github
<b>Familiar with</b>	HTML/CSS, Django, Flask, bash, PostgreSQL, Mercurial
<b>Systems/Software</b>	Unix/Linux, Windows, Mac OS, Android

## EDUCATION

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### B.Sc., Computer Science

Ryerson University; 2<sup>nd</sup> year student

May 2019 (expected)

Toronto, ON

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

### B.A, Cell Biology & Neuroscience; Minor: English

Rutgers University; Douglass Residential College

Sept 2010 – Oct 2014

New Brunswick, NJ, USA

## PROJECTS

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### SelfCare

In Progress

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

### Meena Bot

In Progress

- 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

### Mapsical (Hack The North, UWaterloo)

Sept 2016

Back-end Development

- 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

### 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

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### 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**

*Signs: Journal of Women in Culture & Society*

**Sept 2012 – Jan 2013**  
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

## **WORK EXPERIENCE**

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#### **Employment Assistant**

*Ryerson University Cooperative Education Office*

**Sept 2016 – Present**  
Toronto, ON

#### **Customer Contact Representative**

*Optima Communications International Inc.*

**Apr 2015 – Sept 2016**  
Whitby, ON

- 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**

*Women in the Health Professions at Rutgers*

**Apr 2013 – May 2014**  
New Brunswick, NJ, USA

- 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**

*GlobeMed at Rutgers*

**Feb 2012 – May 2014**  
New Brunswick, NJ, USA

- 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