

# Manan Patel

mananpatel.tech

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(519) 801 - 8404

## Education

### University of Toronto

Bachelor of Science

Computer Science / Statistics

Expected to graduate in 2018

## Technical Skills

### Programming Languages

*Experience using:*

Python • Java

*Familiarity with:*

JavaScript • HTML/CSS

C# • Visual Studio

XCode • Android Studio

R • SQL

### Design Tools

Adobe Suite • Bootstrap

WordPress • Office Suite

## Awards

2016 - Sustainability Hacks

3rd Place

2015- Hack The North

4th Place

2013- Innovation Award

Junior Achievement

2013- Academic Award

Stratford Central

2013- Fermat Math Contest

Top 10th percentile

## Interests

Cooking • Hackathons

Archery • Fantasy Sports

## Work Experience

### Academic Advising & Career Centre (AA&CC) | Web Developer

May 2015 – August 2016 | Toronto, ON

- Oversaw website administration, web design, app development, and marketing of AA&CC's online portfolio.
- Helped develop web, newsletter, and statistical applications that helped streamline task delegation and content creation for the AA&CC design team.
- Created an iOS application that allows passers-by to view and interact with a slideshow of graphical and web content. Written in XCode in Swift.
- Creative experience includes creation of website mock-ups, newsletters, website content and SEO friendly social media posts.

### University of Toronto | Research Assistant

Oct 2016 – Dec 2016 | Toronto, ON

- Responsible for database creation and data management for an economical study of the countries of Canada and Peru.
- Developer of a database using scripts, SQL and LAMP stack. Used the data to produce regressional models and reports based off certain variables.

## Highlighted Projects

### Findyy (Coming Soon!) | Real-time room occupancy estimator app

- Creating an application that uses existing motion detectors and data for room occupancy to produce an estimate of empty study space.
- Working with the IITS at UTSC motion detectors in rooms and sorting data for room occupancy to produce an estimate to display as a mobile app.

### TetrisNook | Online multi-player Tetris game

- Aided in creation of a Client-Sever Tetris app that uses Node.js, Socket.io, and Angular JS. Developed UI, chat functionalities, and SQL database for score storing.
- Users compete with each other to see who can last the longest while watching other users' games as well as chat while they play.
- Available on [www.tetrisnook.com](http://www.tetrisnook.com)

### MatrixMachine | Matrix solver mobile app

- Developed an algorithm that evaluates complex linear algebra matrices and returns information such as determinant, inverse, etc.
- Built the android application using mainly Java, C#, and Android Studio.
- Available on App Store and Play Store under 'MatrixMachine'