

Maciej Lis

about

+1 (416) 919 6929
Toronto

mlisbit@gmail.com
[github://mlisbit](https://github.com/mlisbit)
<http://lis.io>

programming

CSS3 & HTML5
JavaScript
Python
Bash
Java
C

back-end

Express
Node.js
Django
Flask
Play!

databases

MongoDB
MySQL
Redis

hackathons attended

[Windows 8 pure
Imagination](#)
[Linkedin toronto
hackday](#)
[NASA Space Apps
Challenge](#)
[Next 36 Wearable
Computing Hackathon](#)
[UofT Hacks](#)
[Yale Hacks 2013](#)
[CS Games 2014](#)
[PennApps X](#)
[Hack the North](#)

education

from 2011 **BSc Computer Science**
York University, Toronto, ON

expected graduation 2016

work experience

- from 9/14 **Lead web developer at Excalibur Newspaper** Toronto
- Responsible for maintenance, security, upgrades, and developing/adding new features to the WordPress site, hosted on a CentOS server. excal.on.ca.
- from 2013 **Freelance Web Developer** Toronto
- Worked with clients to create personalized web applications for their business.
- 2013 **University Information Technology at York University** Toronto
- Assisting York University faculty, staff and students resolve issues with accounts.
 - Provide technical assistance with computing devices and networks.
 - Filing tickets with Remedy.

university activities

- Computer Science Club** Technical executive since 2013
- Part of core team re-establishing the club at York.
 - Developed mini social network site for the club. Over 160 registered and active users. www.cshub.ca.
 - System administrator: Setup, and manage local servers hosting clubs website.
 - We organize hackathons, 'tech talks' and tutorials for members.
- York University Rover Team** Senior/travelling developer 2011-2013
- Competing in the NASA Lunabotics Mining Competition (Florida), University Rover Challenge (Utah), and Innovation Nation 2013 (Hamilton, Ontario).
 - Developed tilt sensor widget for driver GUI
 - Built and set-up 900mhz router for long distance communication with Rover.
 - Developed "plug'n automatically stream" video daemon for On Board Computer, for hassle free video streaming.
 - Compiling/testing various applications. (GStreamer, Robot OS, Linux images)
 - Designed and developed team webpage with a group of 2 other friends. Visit it at roverteam.cs.yorku.ca.
 - System administrator: Setup and manage local servers hosting team's wiki.

projects

www.openyorku.com unofficial RESTful API for YorkU

from 2014

- Scrapes various parts of York Universities web site, populating a database, and making it easily available via a RESTful API.
Built with JavaScript + Node.js, Python, and MongoDB. Hosted on Heroku.

www.cshub.ca York's computer science club site: a mini social network

from 2013

- Designed, built, and deployed site, used by over 160 students.
- Users are free to signup, create accounts, edit profiles, comment on events, confirm whether or not they're going, and earn badges!
- Admins may create new events, notifications, manage home page images, and edit user accounts.
Built with Python + Django, JavaScript + sigma.js, Bash, MySQL, Redis

more projects

- [QRi-Fi](#): Connect to WiFi hotspots by scanning a QR Code. *built with Python*
- [at.me](#): Turning humans into ATM's. *built with JavaScript + Node.js*
- [Wander Tower Defence](#): A tower defense game, that's highly customizable - allowing users to create their own levels, waves, and towers. *built with Python + PyQT*
- [Red marble](#): A game that features an environment that represents the weather patterns of Mars. Players must survive the elements, and build structures in hopes of colonizing the planet. *built with Python + PyQT*
- [PixPocket](#): Web application providing users with an intuitive and easy-to-use engine for transforming their own design into a printable paper wallet template. *built with JavaScript*
- [Spider Streamer](#): Automatically sets up an rtsp server, and streams, for every camera plugged in to a robots On Board Computer. Easy plug'n'play use. *built with Python, C, udev, and GStreamer*
- [Homemade 900Mhz Router](#): Built a router essentially from scratch, allowing communication with a robot over long distances using 900Mhz. *built from an alix board, and Bash*
- [XNAT.org Windows 8 app](#): Created an intuitive frontend for the XNAT.org site using their API. *built with JavaScript*

awards and achievements

- 8th place at the 2013 NASA Lunabotics mining competition. *York University Rover Team Member*
- 1st place at the 2012 University Rover Challenge. *York University Rover Team Member*
- Best Use of Financial API at University of Toronto 2013 Hackathon. Presented by Orbis. *at.me project*
- Most Creative Service App at University of Toronto 2013 Hackathon. Presented by Microsoft. *at.me project*
- Finalist at LinkedIn Toronto Hackday 2013. *PixPocket project*