

MaciejLis

computer science student / human

about

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Canada

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

languages

English & Polish

programming

JavaScript
(websocket.io, node.js,
jQuery, Express,
AJAX)
MongoDB & MySQL
Redis
CSS3 & HTML5
Python
(Django, PyQt4)
Java
(Swing, Play)
C & Bash

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

education

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

expected graduation 2015

university activities

- since 2013 **Computer Science Club** Technical executive
- Part of core team re-establishing the 'Computing Students Hub' at York.
 - Developed mini social networking site around club, allowing users to create accounts, edit profiles, comment on events, confirm whether or not they're going and more! Fully open source, and still under active development. Visit it at www.cshub.ca.
 - System administrator: Setup, and manage local servers hosting clubs website.
 - We organize hackathons, 'tech talks' and tutorials for members.
- 2011-2013 **York University Rover Team** Senior/travelling development team member
- 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 www.yuoverteam.com.
 - System administrator: Setup and manage local servers hosting team's wiki.

work experience

- since 2013 **Freelance Web Developer**
- Worked with clients to create personalized web applications for their business.
- 2013 **University Information Technology** York University, Toronto, ON
- Assisting York University faculty, staff and students resolve issues with accounts.
 - Provide technical assistance with computing devices and networks.
 - Filing tickets with Remedy.
- since 2009 **Retail and kitchen jobs** TJX, HBC, and Rovers Pub
- Washing dishes and waiting tables at The Rovers Pub. Done now.
 - Customer Service at The Bay HBC. Done now.
 - Cashier at Winners TJX.

projects

2013	cshub mini social networking site <ul style="list-style-type: none">Designed, built, and deployed cshub site.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.Visit it at www.cshub.ca. <i>Built in Python, Django, BootStrap, MySQL, Redis, JavaScript, sigma.js, AJAX and HTML5+CSS3</i>	Computer Science Club
2013	QRI-Fi <ul style="list-style-type: none">Desktop and Android application for connecting to WiFi networks by scanning QR codes. <i>Built using Java, Android SDK, Python, PyGTK, and zBar</i>	Yale hackathon hack
2013	at.me <ul style="list-style-type: none">Turning humans into ATM's. Organise a meetup through the application, and exchange cash for credit/debit using a third party API like Venmo, or Square. <i>Built using JavaScript, Node.js and websockets (socket.io).</i>	UofT hackathon hack
2013	Wander Tower Defence <ul style="list-style-type: none">Tower defense game, highly customizable. Allows users to create their own levels, waves, and towers. <i>Built using Python and PyQt.</i>	Personal project
2013	Red marble <ul style="list-style-type: none">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. <i>Built using Python and PyQt.</i>	NASA Space Apps Challenge Hack
2013	PixPocket <ul style="list-style-type: none">Web application providing users with an intuitive and easy-to-use engine for transforming their own design into a printable paper wallet template. <i>Built using HTML5+CSS3, JavaScript and kinetic.js</i>	Linkedin Hackathon Hack
2013	Spider Streamer <ul style="list-style-type: none">Monitors all new devices plugged in to robots On Board Computer, checking if it's a compatible webcam.Automatically sets up an rtsp server, and streams - allowing for easy plug'n'play use. <i>Built with Python, C, udev, and GStreamer</i>	York University Rover Team
2013	Homemade 900Mhz Router <ul style="list-style-type: none">Allows communication with a robot over long distances using 900Mhz.Installed debian on alix6f2 board, set up iptables for packet forwarding, compiled drivers, and created startup scripts. <i>Required compiling from source, interfacing with alix board strictly over serial, a lot of research and Bash</i>	York University Rover Team
2012	XNAT.org Windows 8 app <ul style="list-style-type: none">Created an intuitive frontend for the site. <i>Built using HTML5+CSS3, and JavaScript.</i>	Windows 8 Pure Imagination Hackathon Hack

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