

<+> HACKING HEALTH

BRINGING INNOVATION TO HEALTHCARE



HACKING HEALTH

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**Breaking Down  
the Barriers to  
Innovation in  
Healthcare**

## **OUR MISSION:**

Transform healthcare by bringing together innovators in healthcare, design, and software to build realistic, human-centric solutions to front-line healthcare problems.

# GROUND-UP APPROACH




We like to work with and support the people facing everyday challenges in healthcare and empower them to develop innovative solutions to their challenge.

Everyone is welcome:

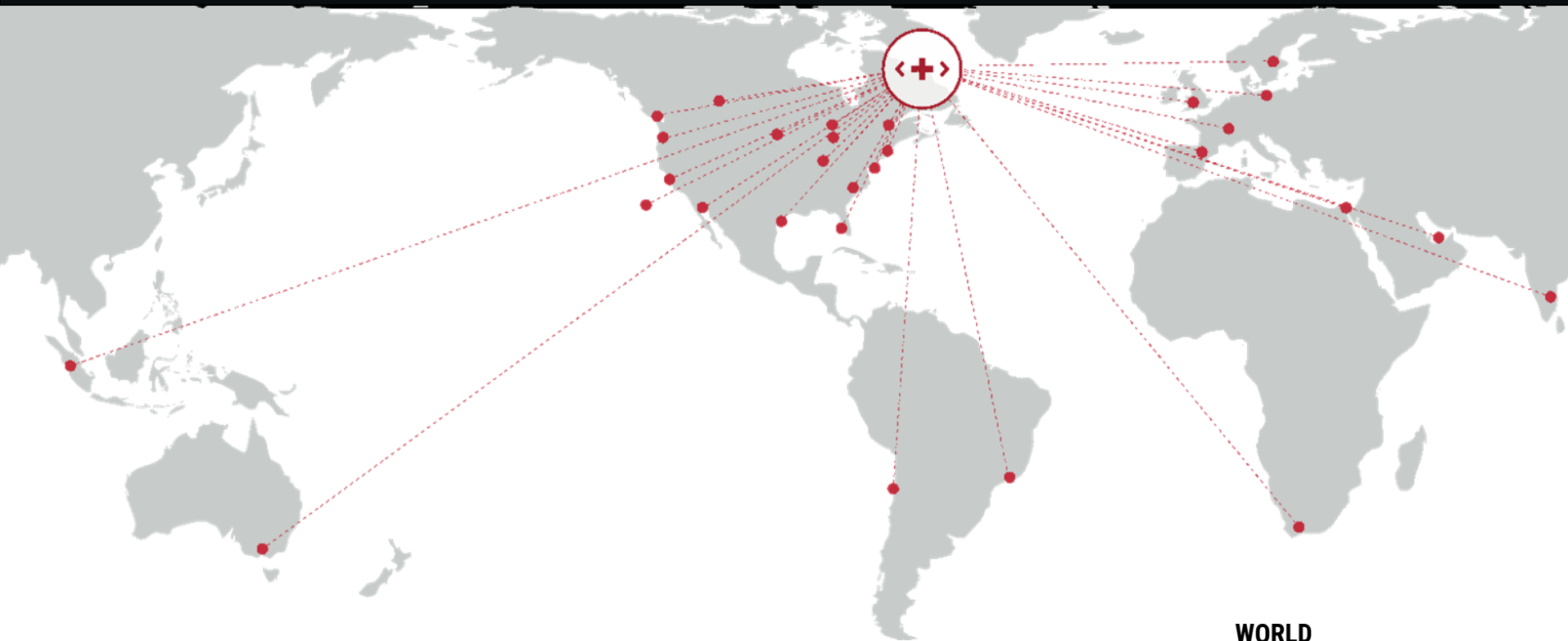
- Patients & Caregivers
- Healthcare Professionals
- Allied Health Professionals
- Developers & Designers
- Entrepreneurs

# HACKER WAY

A black and white photograph of a person from behind, sitting at a desk with multiple computer monitors. The person is wearing a dark t-shirt with the text 'the hacker way' and 'facebook.com/hackercup' printed on it. The background shows a blurred office or lab environment with more monitors and equipment.

Hacking is also an inherently hands-on and active discipline. Instead of debating for days whether a new idea is possible or what the best way to build something is, hackers would rather just prototype something and see what works.

# MAKING CANADA SHINE GLOBALLY



## CANADA

Montreal @ Ste-Justine - February  
Toronto @ SickKids - May  
Yellowknife - May  
Vancouver - June  
Calgary - June  
Saskatoon - September

London - September  
Montreal @ McGill U. Health Ctr - Sept  
Winnipeg - October  
Quebec City - November  
Halifax - 2015  
Ottawa - 2015

## UNITED-STATES

New York City - September  
Boston - October  
Austin - Fall  
Philadelphia - Fall  
San Diego - Fall  
Miami - 2015  
Chicago - 2015

## WORLD

Strasbourg - March  
Paris - July  
Dubai - Fall  
Stockholm - 2015  
London / Edinburg - 2015  
Cape Town - January  
Sao Paulo - October  
Hong-Kong - July  
Rio - January  
Bucharest - Fall  
Berlin - 2015

# BUILDING A NATIONAL MOVEMENT

Institutional  
hosts and  
partners



CENTRE FOR  
DIGITAL MEDIA



wavefront™





HACKING HEALTH

**Our Canada-wide  
audience includes**

**250+**

**HEALTHCARE  
PROFESSIONALS**

**600+**

**DEVELOPERS**

**125+**

**DESIGNERS**

**160+**

**VIPS &  
MENTORS**

**100+**

**PROJECTS**

# SO WHY HAMILTON?







Meet-up



[Meetup.com/Hacking-Health-Hamilton](https://www.meetup.com/Hacking-Health-Hamilton)

# Last Meet-up

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## MEET 2 INNOVATIVE FOUNDERS IN HEALTHTECH



Dr. Karen Klein  
Co-founder & CEO  
HealthCasa  
healthcasa.com



Thursday, April 11th 6:30-9:00pm  
Mohawk College Cyber Security Club  
Joyce Centre for Partnership & Innovation  
135 Fennel Ave W., Rm EA310, Hamilton, ON

Thinking about launching a HealthTech Startup?  
Come hear the stories of two Toronto founders as they share  
their advice on making it happen.



Taylan Pince  
Co-founder & CTO  
Avocare  
avocare.ca



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# Upcoming Meet-up



A screenshot of the Visible DevOps website. The header features the 'VISIBLE' logo on the left and navigation links: 'ABOUT STEVE', 'HOW I HELP', 'LEAN VALUE STREAM MAPPING', and 'LET'S TALK'. The main content area has a blue background with white text: 'I HELP GROWING STARTUPS EXCEED THEIR VELOCITY TARGETS WITHOUT BURNING OUT'. Below this, it says 'Proven tools, techniques and guidance. Tailored for ambitious SaaS teams.' followed by three icons: a person, a gear, and a thumbs up. Further down, it states 'Your team can deliver 60x faster with less friction. Book a call with me here to see how.' and at the bottom, a paragraph about improvement starting where you are.

Value Stream Mapping workshop  
STEVE PEREIRA  
Visible DevOps

Thursday Oct. 24  
6:30-9:00 pm  
Location TBD



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**Breaking Down  
the Barriers to  
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## **WEEKEND HACKATHONS:**

Over 48 hours, designers, developers, project managers and patients collaborate with doctors, nurses, hospital administrators to rapidly develop digital & mobile health solutions as well as and some viable businesses.



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## Event Schedule

**FRI**



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Evening Welcome  
Reception

Project Pitches

Team formation

**SAT**

AM  
Breakfast

Team Building  
Challenge

HACK

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PM  
Lunch

Mentorship/HACK

Dinner

HACK

**SUN**

AM  
Breakfast

Prepare and submit  
Demo

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PM  
Lunch

Demo & Judging

Winners Announced

# Who Attends the Hackathon?

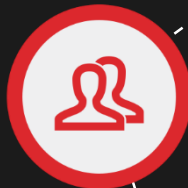
## Healthcare Providers

Transform everyday  
healthcare challenges  
into real solutions.



## PATIENTS

Connect to create holistic  
solutions *with* patients,  
not only *for* patients.



## DESIGNERS

Create powerful patient  
and provider experiences  
through simplifying  
complex issues.



## DEVELOPERS

Work collaboratively to  
break down barriers to  
innovation in healthcare.



## ENTREPRENEURS

Connect, validate and  
grow startups.





# HACKING HEALTH Hamilton

## HACKATHON

Friday, Nov. 8 to Sunday, Nov. 10  
McMaster Innovation Park Atrium

Early bird pricing ends Oct 15!



/HackingHealthHamilton



@HHHamOnt

#HHHCafe



# Hackathon 2018



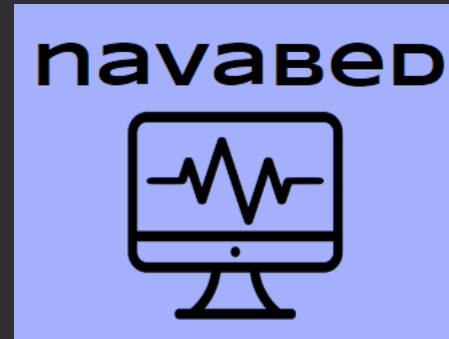




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## 2018 Hackathon



### NavaBed

Online data sharing platform that allows long-term care homes to show their bed availabilities to hospitals and care providers

- Mentorship with Innovation Factory
- Application design sessions in Mohawk MEDIC



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## 2018 Hackathon



### Team WiseOwl

Helps seniors by connecting them to people in their local communities who can value from their unique skill sets

- Research internship grant from MIRA



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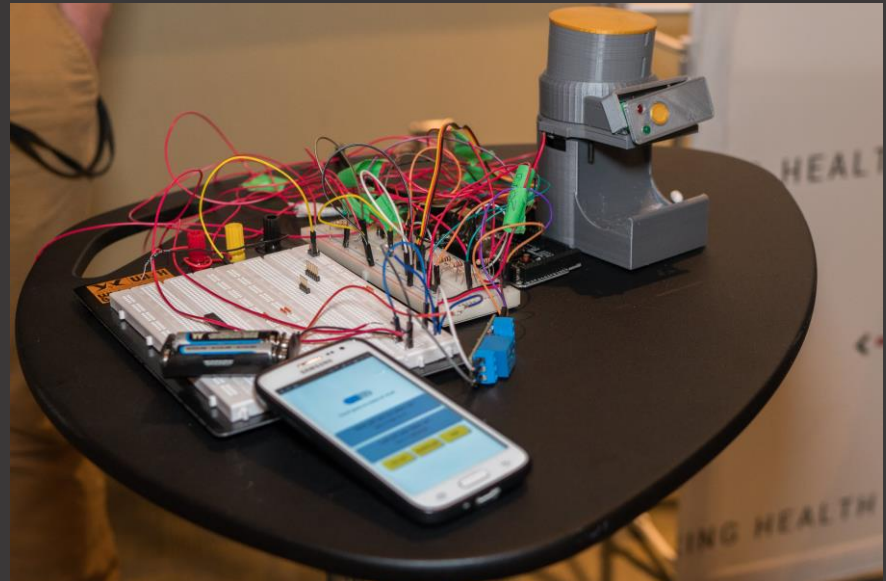
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**2018 Hackathon**

The CALM Team:

Smart medication dispensary

- Entrepreneurship consultation with The Forge
- Application design session in Mohawk MEDIC





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**2016 Hackathon  
Winner and  
Success Story**

## **SmartCane**

- **Riya Karumanchi, 14 year old entrepreneur**
- **Cane enhanced with Internet of Things technology so that it could detect objects at waist level and warn the user**
- **has been supported by the Mohawk MEDIC lab, the University of Toronto Creative Destruction Lab, and the Ryerson University DMZ Accelerator to develop the SmartCane into a startup funded by the likes of Microsoft, raising more than \$50,000**

# Sparkboard and Eventbrite

The screenshot shows the Sparkboard website for Hacking Health Hamilton 2018. At the top, there's a header with the logo "<+> HACKING HEALTH" and a "Sign in" link. Below the header, a tagline reads "Bringing innovation to healthcare." with buttons for "New Account" and "Sign In". A welcome message states: "Welcome to Sparkboard - a tool for organizing interdisciplinary hackathons. What problem would you like to solve? See what other people are working on, join a project, or create your own." Below this, there's a "Sort" dropdown set to "Random" and a "Search" bar. The main content area features a "GUIDELINES - Please Read :)" section with instructions on how to use the platform, a "START HERE" guide to pitch a project idea, and a project titled "Turtle" (#18) aimed at helping combat loneliness and social isolation by connecting youth with the older generation. A smartphone mockup shows the "Turtle" project on the Sparkboard app.

Sign in

## <+> HACKING HEALTH

Bringing innovation to healthcare.

New Account Sign In

Welcome to Sparkboard - a tool for organizing interdisciplinary hackathons. What problem would you like to solve? See what other people are working on, join a project, or create your own.

Sort Random Search

**GUIDELINES - Please Read :)**

This is an example board for tips and tricks for posting an idea on Sparkboard. Click on 'New' in the right hand corner to get started! Feel free to ask any questions.

**START HERE**  
Guide to pitch your project idea

- 1) Sign up on <https://www.eventbrite.ca/e/hacking-health-hamilton-hackathon-2018-tickets-41130549581>
- 2) Create your Sparkboard account with profile and picture
- 3) Click on "New" to create your project. Describe the issue, add an image & your solution and the team you're looking for...
- 4) ... or join an existing project!

**Turtle** #18

To help combat loneliness and social isolation by helping youth connect to the older generation by finding the youth especially University students Co-op/ volunteering options in retirement homes and...

Turtle  
Connecting youth and older adults  
with volunteer mentors

Sign in

<https://hhhamilton2018.sparkboard.com/>

The screenshot shows the Eventbrite website for the Hacking Health Hamilton Hackathon 2019. The header includes the Eventbrite logo, a search icon, and a menu icon. The main banner features the event title "HACKING HEALTH HAMILTON" with dates "8 9 10 NOVEMBER 2019" and the location "McMaster Innovation Factory 175 Longwood Rd S., Hamilton, ON". Below the banner, there's a red bar with the logo "<+> HACKING HEALTH". The event details section shows "NOV 08 Hacking Health Hamilton | Hackathon 2019" by "Hacking Health Hamilton" with a "Follow" button. Below this, there's a table with columns "Description" and "Date And Time". The ticket price is listed as "\$10 - \$50" and there's a green "Tickets" button.

eventbrite

< HACKATHON >

## HACKING HEALTH HAMILTON

8 9 10  
NOVEMBER 2019  
McMaster Innovation Factory  
175 Longwood Rd S., Hamilton, ON

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NOV 08 Hacking Health Hamilton | Hackathon 2019  
by Hacking Health Hamilton Follow

Description	Date And Time
	\$10 - \$50
Tickets	

<https://www.eventbrite.ca/e/hacking-health-hamilton-hackathon-2019-tickets-60104994657>



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**Ways to engage**

**Participate:**

- **Pitch an idea**
- **Join a team**
- **Mentor**
- **Judge**
- **Sponsor**
- **Share**



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## Why Sponsor Hacking Health?



### LEADERSHIP

Be a visionary.  
Demonstrate creativity and innovation.  
Be a catalyst of healthcare innovation.



### VISIBILITY

Creatively position your organization.  
Enjoy positive media attention.  
Get meaningful stories for social media.



### ACCESS

Meet thought leaders and decision makers. Find talent. Find resources.  
Show how cool you are to work for.



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## **Why Sponsor Hacking Health?**

### **CORPORATE EXPOSURE:**

Your support for our Hacking Health Hackathon provides a unique opportunity to creatively place your organization. You will receive visibility amongst participants and spectators in the following ways:

- Recognition on social media prior to and during the event (Facebook, Twitter, LinkedIn)
- Logo on Hacking Health Hackathon website
- Logo on Hacking Health banners and materials at the event
- Booth at event and access to event delegates



## Contact Us

Hacking Health Hamilton community co-lead  
Cynthia Lokker lokker@mcmaster.ca

[https://hhamilton.ca/  
meetup.com/Hacking-Health-Hamilton/  
@HHHamOnt](https://hhamilton.ca/meetup.com/Hacking-Health-Hamilton/@HHHamOnt)