StudentHack

StudentHack IV
Participant's Guide

Introduction
Welcome to StudentHack! This should be a reference guide for you over our hackathon this weekend. Our Twitter handle is @StudentHack and the hashtags that we'll be using are #StudentHackIV, please feel free to break Twitter

Code of Conduct
By attending StudentHack you have agreed to MLH Code of Conduct. We aim to make this a fun and enjoyable weekend for everyone. We have an absolute zero-tolerance policy on racism, sexism, abuse or anything inappropriate.

Contact us
If at anytime during the event you feel uncomfortable please contact Sami: 07592929837, sami@greatunihack.com (StudentHack team)
Ben: 07664584141 - Josh: 07545223646 (StudentHack Lead volunteers)
Cornelia (StudentHack Code of Conduct enforcer)
Tim: 020 3322 7018, tim@mlh.io (Major League Hacking EU commissioner)
Or any member of the volunteer team (wearing green shirts)

Slack / Communications
Everyone will be available on Slack, a fantastic online communication tool. You should have already received an invite, and if you haven't, please find an organiser or volunteer as soon as possible!

We highly recommend you to get slack app downloaded

Table of content

Floor plan

Exhibition Atrium
General Hacking Space

Lecture Theatre G.26 (250)
Access on Saturday Mixed over 18 sleeping area

Lecture Theatre G.35 (120)
Lecture Theatre G.34 (120)
Lecture Theatre G.32 (120)

Staff rooms

WC DWC Stairs Lift
WC DWC Stairs
Café

Stairs
Lift
Reception Area

Access to Sandra Burslem Building

Lecture Theatre G.27 (250)
Ceremonies & Workshopss
General hacking space

WC DWC Stairs Lift

Sponsor Area

General Hacking space
Dining Atrium

Stairs
Lift

Main Entrance

Lecture Theatre G.26 (250)
Storage

WC DWC Stairs

Café

Express Café

Business School
Ground Floor
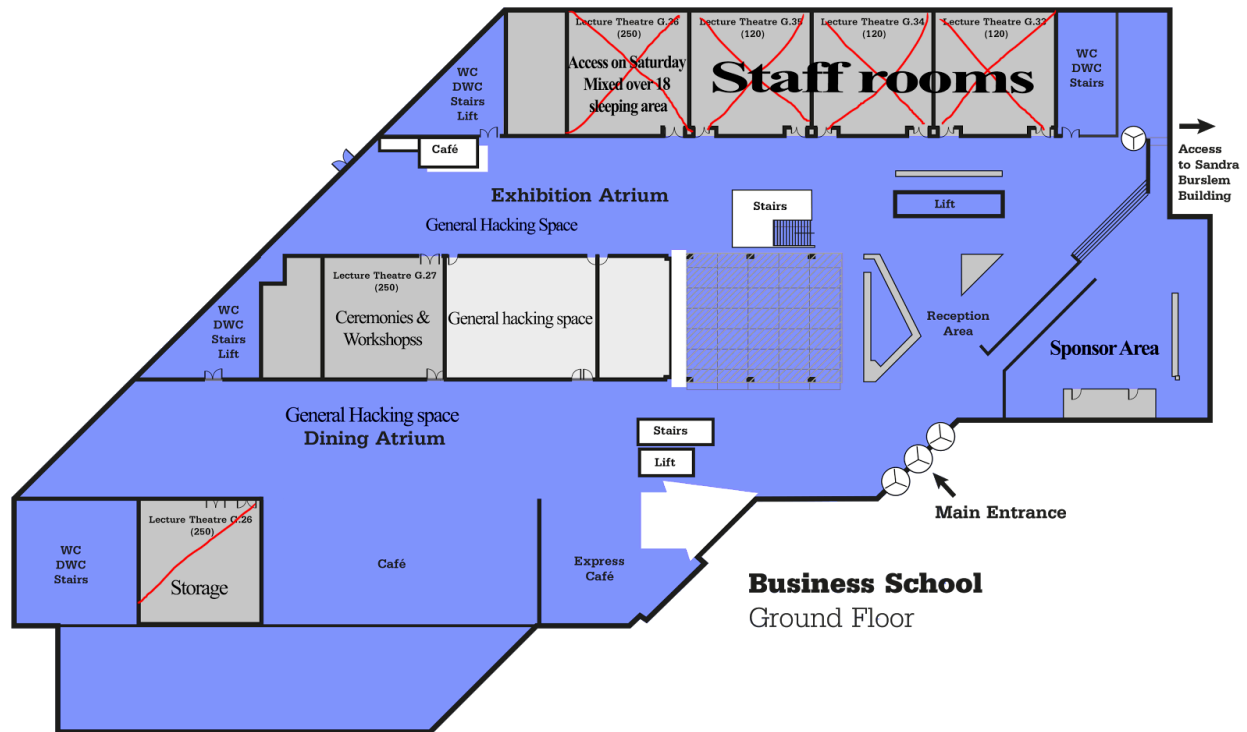
Ground floor: the general hacking space.

Sponsor area: all sponsors booth will be stationed there, if you have a question that is best place to find the sponsor at (or the slack channels)

Dining atrium: we will serve food here all the time, feel free to go down here to eat or drink (*no alcohol please*)

G.27: Here where all workshop, opening and closing ceremony will take place. The whole of ground floor is a general hacking space.

G.37: a mix gender over 18 sleeping room, only available after Saturday (technically friday 11:59pm +1 minute)

● Showers are available near the toilet area, depending on how busy they get we will run a queue type of system!
● Soldering board are stationed next to main entrance bring your hardware projects here!
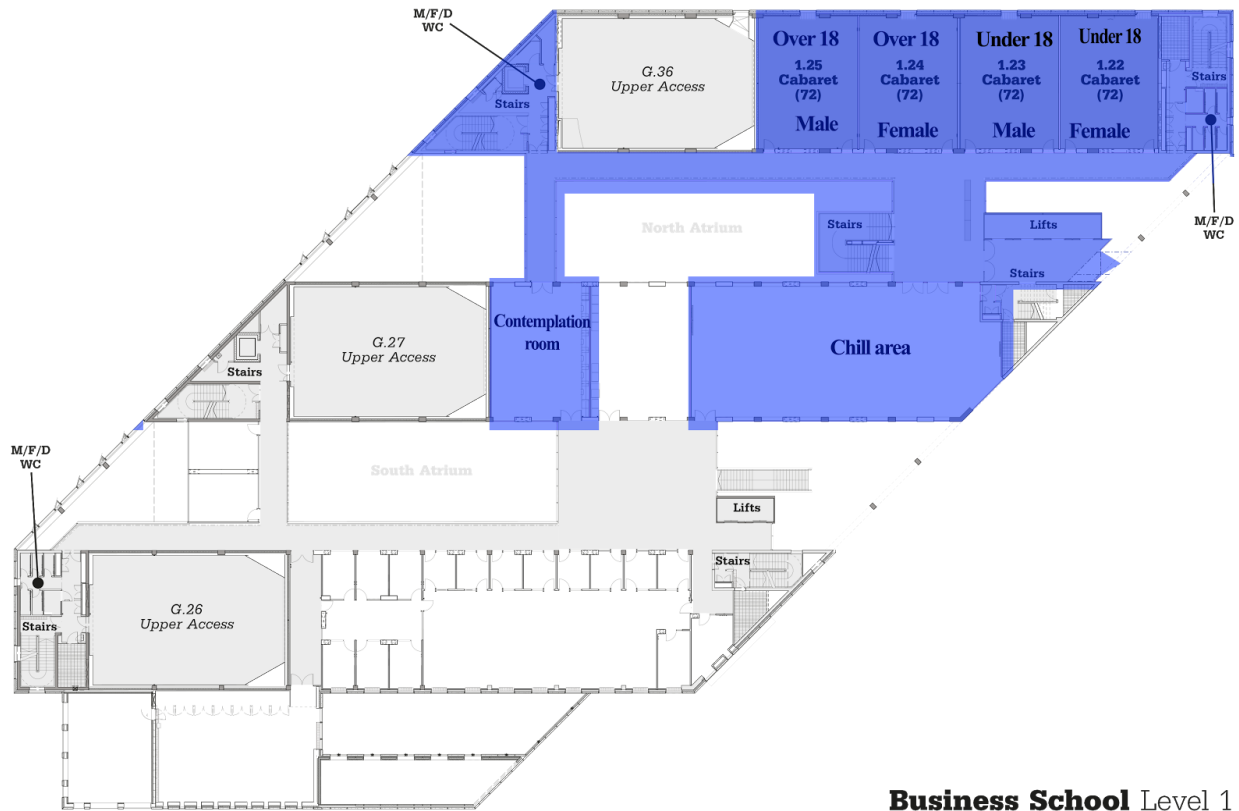
Floor 1: sleeping and breakout area

Contemplation room: is a quiet (not sleeping) area where no one is allowed to talk, use this as a religious facility.

Chill area: this where Fun time with Seb, Music, Werewolf, Spyfall, Keep talking and nobody explode, and various games will take place 24/7 (or 40/3 in our case)

C1.25: A sleeping room for over 18 year old male attendee

C.124: A sleeping room or over 18 year old female attendee

C1.23: A sleeping room for under 18 year old male attendee

C1.22: A sleeping room for under 18 year old female attendee

Respect the Venue

Please respect Manchester Metropolitan and their venue that they have kindly let us use for StudentHack.

- Do not write on the floors, windows, or roofs
- Please keep the toilets and communal areas tidy
- Respect the age and gender separated sleeping arrangement

Entering/leaving the building

You are free to leave at any time during the day.
Do NOT lose your wristband given at registration or you will not be allowed back in the venue.

Wristbands colour guide:
Green: Volunteers and organisers
Yellow: Judges and sponsors
Red: Under 18 attendee
Blue: Over 18 attendee
Green + red: volunteers and organisers who are dbs checked
Yellow + red: sponsors and judges who are dbs checked

Challenges

- 1ST place - 4 tickets to BR2016 (Steve Wozinak \o/), MLH Medals, and cool looking Hacker beanies!
- 2nd, 3rd place - MLH medals, and super cool Hacker beanies
- Best under 18 team - MLH medals and super cool Hacker beanies
- CDL challenge: Promote fun, participation, and well beings in your local community - x4 Apple watches
- Yelp challenge: Best use of Yelp API to help the local community in some way - x4 Leap motions
- Telcom challenge - TBA
- TheHutGroup challenge - TBA
- Barclays challenge - TBA
- Bloomberg most useful hack challenge - TBA
- Bloomberg hackerrank quiz - TBA
- Codethink - TBA
- Best use of Twilio API - TBA
- Best use of AmazonWebServices - x4 1tb harddrive

- ● Best domain from domain.com - x4 goodie bag
- ● Best developer tool from github.com - x4 Octacat figurie <3

Workshops & talks

Reserved lecture theaters for the following workshops, highly recommend it
- ● Fri 7:30pm - Team building exercise with CDL
- ● Fri 8:00pm - iOS development with Yelp (Mark Larah)
- ● Fri 08:30pm - Machine learning with TheHutGroup

Sleeping Arrangements

We have tons of airbeds and beanbags available on the day, there are age and gender separated (under 18 and over 18\female - male) quiet rooms available.

Schedule

Day 1 - Friday 4th March

17:00	Doors open for attendees
18:00	Opening ceremony @G.27
19:00	Hacking Begins WOOT WOOT
19:00	Team building session @G.27
19:30	HOT DINNER - Syrian dinner @Cafe arae
19:30	CDL team building exercise @G.27
20:00 - 20:30	iOS development with Yelp (Mark Larah) @G.27
20:30 - 21:00	Machine learning by TheHutGroup @G.27
22:00-8:00	Opening rooms for sleeping (age and gender separated) @{G.26, 1.25, 1.24, 1.23, 1.22}
00:00	PIZZAAAAA

Day 2 – Saturday 5th March

7:00	Breakfast @Cafe area
9:00-10:00	5 minute Lightning talks by anyone! @G.27
13:00	Lunch - hot buffet @Cafe area
16:00	Afternoon tea @Cafe Area
18:00	Dinner - hot curry @Cafe Area
19:00	Spyfall with Joe Nash @Chill Zone
22:00-8:00	Opening rooms for sleeping @{G.26, 1.25, 1.24, 1.23, 1.22}
23:00	PIZZZAAA more and better

Day 3 – Sunday 6th March

03:00	FUN TIME WITH SEB
07:00	Breakfast
7:00-9:00	All mentors/volunteers in one area
09:00	Hacking ends
09:00 - 9:30	Tea, volunteers prepare demo tables
9:30-12:30	Science fair type of judging
12:00	Lunch (Gyros, falafel, halloumi)
12:30-13:00	Choosing top 10 and challenge winners
13:00-13:45	Top 10 presentations (3 minutes each)
14:00	Winners announced, closing ceremony.
15:00	StudentHack ends

17:00	Coaches leave Manchester (we could possibly call them earlier if we finish early)
17:01	Preparation for StudentHack V

Wifi

We have Eduroam and MMU university wifi available. Feel free to use either. If you need help connecting to any of the networks please contact any of our team members!

Food

We'll be providing food throughout the weekend, along with plenty of snacks and drinks to help boost your energy.
If you have any special dietary requirements please contact either Sami, Sven or a member of the volunteer team.

Meal times:
Friday – 7:30pm / 12:00am
Saturday – 7:00am / 1:00 pm / 6:00pm
Sunday – 12:00am / 7:00am / 12:00pm.

If you are still feeling hungry please contact any of the volunteers immediately, we are doing this so you enjoy your weekend, please let us know if we can help in anyway.

Food Menu

Friday

Dinner (Syrian Cuisine)
-   Meat options:
    -   x250 Kibbeh (what?)

- x250 Lahmacun ([WHAT](#)?)
- 15kg meat + 7kg rice of Kabsa ([Kabsa](#)?)
-
- Vegetarian options:
    - x300 Spinach Puff Pastry
    - x300 Cheese Puff Pastry
    - 25kg of Yalanji (WHAHTHATH? couldn't even find it on wiki) – Stuffed vine leaves with rice, a bit limeish
    - Baba ghanoush: ([ERM WTH SAMI](#)?)
- Sides:
    - x300 Salad
    - Yoghurt

Pizza

Menu from [lovepizza](#) 15" of the following
- Meat options:
    - x30 Double trouble pepperonis
    - x20 BBQ chicken
    - x30 Meat feast
    - x20 Big steak and cheese
- Vegetarian
    - x25 The veggie's
    - x10 The zeus

Saturday

Breakfast
- Various flavour of cereal and milk
- Choco crepe
- Sliced bread
- Sliced cheese
- Spreadable cheese
- Spreadable butter
- Spreadable chocolate
- Strawberries
- Croissants (vanilla/chocolate)
- Sweet yogurt
- Pudding

<u>Lunch</u>
Open buffet from MMU catering. Extremely flexible and they cook it on spot.

<u>Dinner</u>

- Desi Classic Dishes x 110 people
    - x60 Chicken Karahi Curry
    - x50 Keema Potatoes Curry
        - accompanied with x30 Pilau Rice
    - x80 Naan bread
- Naan Continental Dishes x 50 people
    - x20 Keema Pasta Bake
    - x20 Spicy Shredded Chicken Burgers
    - x10 Chicken Nambali
- Vegetarian Dishes x 90 people
    - x40 Spinach and Potato Curry
    - x50 Daal accompanied with
        - x50 Pilau Rice
        - x40 Naan
        -

Sides:
- Salad
- Yogurt

Sunday

<u>Breakfast:</u>
- Various flavour of cereal and milk
- Choco crepe
- Sliced bread
- Sliced cheese
- Spreadable cheese
- Spreadable butter
- Spreadable chocolate
- Strawberries
- Croissants (vanilla/chocolate)
- Sweet yogurt
- Pudding

<u>Lunch</u>
- Meat options:

- x150 Gyros pitta
  - Vegetarian options:
    - x50 falafel pitta
    - x50 halloumi pitta

Notes
- **All meat provided is halal unless stated otherwise.**
- **There are plenty of vegetarian options and gluten free not in the menu if you need something specific speak with Sven or Sami!**
- **Fruits and snacks available throughout the weekend like loads!**
- **Hot drinks, coffee and tea are in the cafe area** (almost wouldn't have guessed)

Mentors

We have plenty of mentors from companies and organisations such as CDL, Telcom, Yelp, TheHutGroup, Twilio, Barclays, Codethink, Ampersand, Bloomberg, and Microsoft They will be wearing an *olive beanie.*

Company	Name	Email	Skills
Major League Hacking	*Joe Nash*	*joe@jna.sh*	*FP, Web, DS, APis, JS(ish), Haskell*
Yelp	*Tomas Doran*	*tdoran@yelp.com*	*Yelp API, Perl, mySQL, Ruby, JS*
Yelp	*Mark Larah*	*markl@yelp.com*	*iOS, Java, front end, Yelp API*
CDL	*Tim Dodgson*	*timdodgson@msn.com*	*Java, JavaScript, HTML, CSS, PHP, ASP*
CDL	*Corin Thorpe*	*corin.thorpe@cdl.co.uk*	*java,elasticsearch,linux, vehicle data,accident data,SQL*

CDL	Aaron Boland	Aaron.Boland@cdl.co.uk	Middleware,J2EE,AWS,Python,Puppet,Software Orachastration, Technology topology and architecture
CDL	Oliver Brammer	oliver.brammer@cdl.co.uk	Java, Tomcat, Node.JS, C#, Git, OpenGL, RESTful, AWS, Spring, Bootstrap, Photoshop, PHP, Linux, reverse engineering
HackCampus	Joshua Simpson	@JoshSimpson	Ruby, Android, Java, PHP, C#
Hackathon Hacker EU	Daniel Tomlinson	dan@tomlinson.io	Objective-C, Swift, C, Ruby, API Design. Some backend javascript/go/elixir
The Hut Group	Alex Mackenzie	alex.mackenzie@thehutgroup.com	Talent
The Hut Group	Tom Lefley	Tom.Lefley@thehutgroup.com	Java
The Hut Group	JOsh Hesketh	Joshua.Hesketh@thehutgroup.com	Java
The Hut Group	Gary Higham	Gary.Higham@thehutgroup.com	Java
The Hut Group	Alex Borskik	Alex.Borshik@thehutgroup.com	Java
The Hut Group	Elliot Kennedy	Elliot.Kennedy@thehutgroup.com	Java
The Hut Group	Dhruv Kumar	Dhruv.Kumar@thehutgroup.com	JAva
The Hut Group	Phil Wilson	Philip.Wilson@thehu	JAva

		tgroup.com	

Judging

Submitting your Hack
Hack submissions will be handled using
http://studenthackiv.devpost.com/
- Hacking starts on Friday at 7pm and ends on Sunday at 9am (yeap 38 hours ^_^)
- Signup to Devpost + submit your hack, if you need help please ask any of the volunteers or mentors!
- If are targeting any of the challenges please specify so in your submission, e.g. "CDL challenge"
- Science fair commences from 9am until 12pm! afterward lunch will be served while our judges work hard to select the top 10 teams!
- Even if you are not in the top 10 you are still eligible to win prizes from other categories.

Science Fair
The science fair style demos will commence on Sunday 9am - don't hide in the corners, we would love to see what you have built and we hope you make it into the finals! aim to have a rota in your team so you get to walk around and see other hacks that were built over the weekend as well! that is a huge part of the fun

Judging Criteria
What we'll be judging you on during the science fair demos:
- Hack name (5%): is it expressive? catchy? funny? bring the life of your hack through its name.
- Hack intent (20%): an idea with good intention? useful?

- Hack execution (50%): design, functionality,
- Secret sauce (25%): our judges will have complete freedom on how to decide on this.

At 12pm, lunch is served and science fair is over. You'll know by 12.30pm if you have made it into the finals of StudentHack!

Judges

Craig Dean: Chief Executive of Web Applications. Main judge of Hack Manchester and GreatUniHack.
Jessica Rose: Founder of Open Code and works with access to open technical education and digital spaces. Developer relation @DreamFactory.
Dr Darren Dancey: Head of computer science and information systems at Manchester Metropolitan University.
CDL:
Secret judge

Finals
At 1pm, we have an introduction of the finals. You will then have 5 minutes to go on stage to present your hack to our attendees.

The finals are only to win the grand prize of the StudentHack top 3 teams. You can still win any other prize regardless of being in the finals or not - we'll announce this at the closing ceremony.

Sponsors profile

CDL
CDL is an insurance software house with a proven track record of consistently anticipating consumer purchasing trends and delivering powerful technology that enables insurance retailers to capitalise on them. Its blue-sky R&D programme and

continuous delivery of enhancements ensures customers thrive on the back of CDL's solutions. They are currently recruiting [here](#)

CDL is a recurring sponsor of GreatUniHack/StudentHack and provide a lot to the tech scene in Manchester!

Telcom

Telcom is an internet provider based in Manchester that provides superfast internet connections with speeds from 30Mbps, all the way up to 1Gbps. As well as professional, secure and flexible phone (VOIP) solutions for any size of company, from startups to call centres.

Yelp

Yelp is fast powerful API that enhance your app with Yelp's ratings, reviews, photos, in a simple powerful way and allow category and geo search filters.
Yelp takes pride in its support to its local community, by running local meetup, supporting hackathons, and supporting local business.

A very cool startup based in the US and they have tons of opening and looking to recruit! [apply here](#)

TheHutGroup

The Hut Group aims to be the World's leading Online Health & Beauty Destination. They are currently the UK's leading multi-website online retailer with rapidly growing global operations and a unique end to end technology platform. The Hut Group Platform supports more than 140 million global website visitors, 5 million customers and 8 million orders dispatched worldwide across our market leading stores including www.myprotein.com, www.lookfantastic.com and www.coggles.com.

They will be providing protein food and supplement during the hackathon to help you bench on those heavy weighted code bases!

Twilio

Twilio provides a quick easy to integrate better communication into your app. With an easy to use VoIP API you can make voice or video calls around the globe; send and recieve global SMS, MMS, and IP messages from any app; and a very secure two-factor authentication to strengthen a login to your app and website.

Barclays

Barclays and Think Rise Manchester aims to connect the local community and offer wide range of facilities to their members. They provide various opportunities such as hackathon, meetups, events, challenges and mentorship. They currently have a startup accelerator programme called [Barclays Acceleator](#)

CodeThink

Codethink specialises in system-level software infrastructure to support advanced technical applications, working across a range of industries including finance, automotive, medical and telecoms.
They typically get involved in software architecture, design, development, integration, debugging and improvement on the deep scary plumbing code that makes most folks run away screaming.

Manchester Science Park

Manchester Science Partnerships (MSP) is a community of scientists, innovators, investors and entrepreneurs, catalysing the growth of innovative science and technology businesses. They provide the right environments and connections for new ideas to flourish and concepts to become commercial reality. Check them out!

Ampersand

Ampersand help established high street retailers create better ecommerce experiences. By collaborating with their customers to architecting lasting multi-channel retail systems and building ecommerce websites that drive sales across channels.
There are various career opportunity on their [website](#)

Microsoft

Cloud computing is changing the technology industry. Micorsoft is one of the leading cloud computing companies out there and they have various tools and technology that enables anyone to make the best out of their technologies! Check out Microsoft Azure or speak with any of Microsoft representatives for more information!

HackCampus

HackCampus is a non-profit founded and run by students for students. Their main aim is to provide a fair internship programme.
The HackCampus internship programme is 10 weeks of living the hacker dream. HackCampus connect you to startups, and make sure you get paid, housed for free, and have an amazing ten weeks. [Apply here](#)

Major League Hacking

Major League Hacking (MLH) is the official student hackathon league.
By attending StudentHack, you'll earn 1 point for your school on the Major League Hacking UK leaderboard. You should consider attending more hackathons this season and our next season.
MLH hackathon are run by students and always promise the utmost quality, if you have enjoyed StudentHack, consider checking other hackathons over https://mlh.io/seasons/s2016-eu/events

Closing note

By attending StudentHack you have agreed to the Code of Conduct. We aim to make this a fun and enjoyable weekend for everyone.

Thank you and hack on!

P.S we really really really want this to be fun event for you and want you to make the best of it, let us know of *ANYTHING* that bothers you no matter how much you think it could be insignificant.