| Matchmaking ID | Faculty | Department | I am looking for potential team members with experience in the following areas: | Further details about you- your interests/ areas of expertise, whether you already have an idea... |
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| 001 | Faculty of Natural Sciences | Life Sciences | Bioengineering,physics,Mechanical Engineering,Materials, Design engineering, computing, chemical engineering | |
| 002 | Faculty of Natural Sciences | Life Sciences | | |
| 003 | Faculty of Natural Sciences | Physics | engineering, building electronics | I am interested in making a cheap watch/bracelet that tracks basic vitals and can transmit them to your loved ones through an app, optimising this to be as low-cost and reliable as possible. |
| 004 | Faculty of Engineering | Bioengineering | Wet-lab, Research, Business development, Entrepreneurship, etc. | Areas of expertise: Software developing (Developing a remote patient monitor rn), Programming (I know Python, Java, MATLAB, Solidworks), Microfluidics (yr2 project and hackathon about microfluidics) Potential idea: smart health solution (home diagnostics app) |
| 006 | Faculty of Natural Sciences | Life Sciences | All areas | I have knowledge in the life sciences field, particularly structural biology, plant immunology, and plant developmental biology. I have experience with Python, R, Bash, Git, SQL, HTML, CSS, and Linux. I don't have a strong idea yet and am open to others. |
| 007 | Faculty of Natural Sciences | Physics | AI, coding, business | Wide range of interests: energy, industrial processes etc. Skills in design and building things - I have built an electric guitar, drone, etc. Experience in entrepreneurship - I started a clothing brand called Gedra. |
| 008 | Faculty of Natural Sciences | Chemistry | Coding, biology, wet lab, chemistry | I'm a chemistry and I'm good at wet lab. One of my ideas is to potentially work on synthetic blood (there has been some research into making a synthetic blood replacement for emergency medicine, to augment the dangers of blood loss. Additionally there has also been research into using stem cells to make lab grown blood, which is helpful because the blood cells are all new whereas donated blood has new and old blood (therefore lasts longer before another infusion is needed). I haven't done a lot of research into this yet but I would be interested in doing something to address the deficit of blood (as we are very reliant on donations, of which there is not enough) or perhaps a problem that emergency medicine faces/war zone doctors. |
| 009 | Faculty of Natural Sciences | Physics | Ideation, Engineering, Biology/Bioengineering | Programming in many kinds of languages and frameworks, development of ideas, market analysis |
| 010 | Faculty of Natural Sciences | Life Sciences | | |
| 011 | Faculty of Natural Sciences | Life Sciences | I'm looking for teammates with experience in biology research with wet lab skills, e.g. western blot, cell culture, confocal microscopy, ELISA, no wet lab experience is fine, we can provide trainings, but need to understand the basic principles of how these techniques work and have strong motivation to study through self learn | We are building the next generation of Antibody drug conjugates (ADC) to treat cancer. ADCs act like guided missiles that specifically hit and kill target cells. I'm the founder of another biotech startup company, currently leading a pipeline to preclinical development, for more info, please check my LinkedIn page: [REDACTED] |
| 012 | Faculty of Engineering | Materials | | |
| 013 | Faculty of Engineering | Bioengineering | Mechanical engineering, software engineering, business/IP management | Interested in neurotech, women's health, physiological monitoring, medical devices. Area of expertise: biomedical research, biomaterials, wet lab, microbiology. I have an idea but not fully fleshed out |
| 014 | Faculty of Natural Sciences | Chemistry | Circuits, fabrication methods, object-oriented programming | |
| 015 | Faculty of Natural Sciences | Life Sciences | | |
| 016 | Faculty of Natural Sciences | Life Sciences | | |
| 017 | Faculty of Natural Sciences | Physics | Varied skills different from mine | Python. electronics including Arduino. spectroscopy |
| 018 | Faculty of Medicine | | | |
| 019 | Faculty of Engineering | | | |
| 020 | Faculty of Natural Sciences | | | |
| 021 | Faculty of Natural Sciences | | | |
| 022 | Faculty of Natural Sciences | | | |
| 023 | Faculty of Natural Sciences | Physics | AI, coding, workshop skills | Prototyping / building and testing, some experience with CAD and coding. No ideas yet. Would rather a project that is not purely software based |
| 024 | Faculty of Natural Sciences | Life Sciences | ecology, ornithology, neuroscience, neurogenetics, behaviour biology | ornithology, ecology, illustration and science communication, taxidermy ; I have a rough idea about preventing bird string |
| 025 | Faculty of Engineering | Materials | | |
| 026 | Faculty of Natural Sciences | | | |
| 027 | Faculty of Engineering | | | |
| 028 | Faculty of Natural Sciences | Maths | Engineering, able to code in any language, chemistry, Knowledge of some AI, Design engineering | Do not have a concrete idea yet, however are more looking into software than hardware, but both are doable. I have personal knowledge in coding and AI and I am a maths student. |
| 029 | Faculty of Natural Sciences | Chemistry | Wet lab skills, circuitry, engineering, coding | Wet lab skills but am interested in expanding skill set and applying myself to different situations. I am interested in projects more engineering/physical projects but am not opposed to biological |
| 030 | Faculty of Natural Sciences | Life Sciences | programming, at least some experience working with AI | I'm really interested in global health, environments and whatever other teammates have in mind!! |
| 031 | Faculty of Engineering | Chemical Engineering | Life sciences/biotech/modelling/Programmation | I am interested in Energy, bioremediation, food and plant technologies, Low resource settings tools, health, potentially digital tools as well ? I have prior experience in membrane, bioremediation and modelling research (metals recovery, electrodialysis, ), I have lab skills as well as modelling and coding. I also have experience in process design, project management, and have worked in biotech before (diagnostics) ! Really happy to do anything with respect to the topics mentioned earlier |
| 032 | Faculty of Natural Sciences | Life Sciences | Any field | I have some wet lab experience (particularly involving cardiomyocytes and cancer). I'm interested in structural biology and genomics but I'm open to any ideas! |
| 033 | Faculty of Engineering | Design Engineering | Electrical and coding | A rough direction, but the idea is still to be decided. (I can CAD, model, design, a bit of coding and hardware. The team includes me and a physicist) |
| 034 | Faculty of Natural Sciences | Physics | Anything | Limited experience coding with Python, experience in working in teams for scientific research/projects, experience CAD, experience with hardware electronic engineering. I am open to any ideas. |
| 035 | Faculty of Engineering | Materials | Software/progamming, natural sciences, any experience welcome :D | Looking to work on a health-related project, perhaps something that can help people suffering from chronic illnesses/memory problems/mobility issues. Have had past experiences working in hardware but overall planning to participate in this challenge just to gain more experience |
| 036 | Faculty of Engineering | Design Engineering | Coding in various languages, Arduino/other micro-controller programming, any other skillset other than my own | No idea just yet, Looking to create some sort of customer oriented device, implementing product design with robotics/arduino. I am good at CAD, design thinking, product development, design communication |
| 037 | Faculty of Engineering | Bioengineering | Biochemistry/Chemistry who's interested in microbiology and oncology | We plan to make a detection device for cancer. |
| 038 | Faculty of Natural Sciences | Maths | Engineering, Chemistry | open to any ideas, already have a physics student on the team. |
| 039 | Faculty of Natural Sciences | Maths | Coding, AI agent | I would like to construct an AI agent solving real world problems, such as public health, equality, etc. (haven't got a precise idea yet) |
| 040 | Faculty of Engineering | Mechanical Engineering | Open to working on a project with anyone passionate and excited to tackle a real problem. A science-studying team member might be a nice contrast to my more technical background. | I enjoy finding real-world problems and building to tackle them. I've worked on a few projects and have built a physiotherapy device from ideation -> 'final' product. No firm idea as of yet. Interested in tech that directly interacts with humans. Have found a recent interest for neurotech. Excited to learn & explore any real problem area beyond. Looking forward to working with you. |
| 041 | Faculty of Engineering | Mechanical Engineering | Any | Experience with programming in Python and MatLab, some knowledge of electronics, arduino and computer vision. Less experience in design but some use of CAD |
| 042 | Faculty of Natural Sciences | Physics | Medicine, Biology, Engineering, Computing, Chemistry | Physics, Maths |
| 043 | Faculty of Natural Sciences | Physics | Coding, Chem/Mech/Bio/Material/Design Engineering, Chemistry, anything related to our initial idea | Aiding tsunami/flood affected areas by restoring soil to ideal salinity and water levels to reduce crop failures in developing countries |
| 044 | Faculty of Natural Sciences | Life Sciences | Any, maybe in fields I don't have experience with (math/physics/computing/engineering) | Interested in anything multidisciplinary, I have some experience in ecology-focused projects (microscopy, fieldwork, growing/farming fungi) and a bit of MATLAB, but I hope to expand my skillset. I'm interested in integrating current technology used in taxonomic research, in order to to classify species with a single object/with a more streamlined workflow that reduces the time spent on data processing and manual measurement of identification features. For example, combining the idea behind the Foldscope (cheap/easy identification of micromorphological features) + the idea behind iNaturalist (macromorphological features) + use of machine learning and computer vision + genetic sequencing. Not a fully fleshed out idea at all and I'm just throwing it out here, in case anyone is interested -- please contact me, even if not for FONS MAD, I'd love to bounce ideas! |
| 045 | Faculty of Natural Sciences | Life Sciences | Mechanic engineering, CAD/prototyping software, 3D printing, Design thinking | A low-cost, smart pod for ships that instantly detects hidden oil leaks, tracks cleanup progress, and safely breaks down hydrocarbons before they spread. |
| 046 | Faculty of Natural Sciences | Physics | Chemistry, electrical engineering, biology | Me and my teammate XXXX have a project in mind |
| 047 | Faculty of Natural Sciences | Life Sciences | Molecular and cell biology, basic wet-lab techniques, data analysis, bioinformatics or coding (Python/R), product design or engineering, public health , and science communication | I am a first-year Life Sciences/Biochemistry student with a strong interest in applying molecular biology and biochemistry to problems with real societal impact, particularly in health and disease. I enjoy idea-driven projects that combine biology with practical, low-cost solutions. I am interested in developing an idea that could improve health, quality of life, or access to scientific or healthcare tools, especially approaches that are simple, scalable, and evidence-based. I do not have a fixed idea yet and am very open to shaping a project collaboratively with people from different backgrounds. |