



EWB Long Term Fellowship Ashesi University Design Lab – D:Lab

Role: D:Lab Coordinator

Venture: Ashesi Design Lab (D:Lab)

Website: <https://ashesidesign.wordpress.com/>

Location: Berekuso, Eastern Region, Ghana

Start Date: Full-time Training in Toronto (accommodation provided) beginning October 1st 2017, departure for placement October 22nd 2017

Duration: 3 weeks of training in Toronto, 12 months in Ghana

Engineers Without Borders Canada (EWB) is a Canadian NGO that invests in people and ventures to create a thriving and sustainable world. Bolstered by its network of 40 chapters and 1300 members, EWB provides seed funding, talent and mentorship to social enterprises throughout Sub-Saharan Africa. For more information on EWB, visit <http://ewb.ca>.

The EWB Fellows Program

The EWB Fellows Program exists to develop a cadre of Systems Change Leaders by equipping them with the opportunities, competencies and skills needed to build a more thriving and sustainable world. Every year we recruit 25-30 outstanding people for the 12-month Fellowship, placing successful candidates in one of our early-stage Ventures located throughout Sub Saharan Africa. This Fellowship opportunity is with [Ashesi Design Lab] and is based in [Berekuso, Eastern Region, Ghana].

About Ashesi Design Lab

The Ashesi Design Lab is an initiative which combines the concepts of design thinking and design making; design thinking or strategy design for problem-solving, and design making or fabrication for making things more tangible and building out the creative outcomes of the different processes involved in both concepts. The Ashesi D: Lab started work in September 2015, with the goal of being a thought leader in this space on the continent, has supported the work of students, faculty and staff by helping them apply design principles in their work.



About the role

Ashesi D:Lab Fellows are key to our vision for the following two key reasons. We are trying to develop an optimal operational process for the lab and need the help of a process thinker and strategist who can take an unbiased perspective in their work. We are also training assistants who provide coaching and project support to our fellows. We need a coordinator that has a more 'global' perspective, exposure and experience to provide the needed mentorship to these student lab coaches to help them be more effective.

As a D:Lab Coordinator for Ashesi Design Lab (D:Lab), your responsibilities will include:

Design Strategy Coordination

The following are the current programs we run under the design strategy banner. We are hoping to develop a more structured portfolio of projects that align better with the vision of the lab.

Managing In-House Projects:

- Projects such as: D:Lab Farm Modelling Project (in collaboration with Sesamu) : Exploring agriculture and using design thinking to model farming practices in response to unique food demands in the market.
- D:Lab Dumsor Project - The team is using design thinking to explore functional forms for the application of organic photovoltaic cells in collaboration with Dr. Hanne Lauritzen from the Danish Technical Institute.
- Will also manage any new in-house project for the D:Lab and recruit students as fellows to work on these projects.

Facilitating training both on campus and off campus

- Coordinating and facilitating training on how to apply design thinking to various stakeholders both on campus and off campus

Fellows Workshops

- Holding workshops for individuals who are working on projects or have an idea and need help using design thinking methodologies to bring the projects to life.

Content Series

- The Content series introduces the design thinking process to those not familiar with it and serves as a great way to go deeper for those who know of it. The most exciting thing about the DT Content Series is that it is taught by students.

Office hours for consultation

- The office hours are for consultation on the design thinking process and tools for both staff and faculty
- Organizing and supporting workshops for students who want to apply for



competitions and innovation prizes.

Contact point for the D:Lab and international relations

- Be the link between the D:Lab and other international collaborations.

Design Making Coordination:

- Assist with new product development and prototyping of student-lead project ideas with daily office hours
- Conduct or organize design making workshop sessions (including but not limited to 3D printing and modelling sessions)
- Coordinate fabrication project collaborations between students and partner institutions or corporations

Partner recruitment and relationship management:

- Assist Faculty in recruiting interested parties (educational institutions, organizations and corporations) who would like to partner with students on projects such as the following ongoing projects: Deep Dives project with Burro Brand Ghana and Brown University, the Solar Products Innovation project with GN Electronics, RLG, Tradeworks, Stadler Renewable Energy and Technical University of Denmark (DTU)
- Manage events, schedules and student involvement with partnership projects

Social media management:

- Manage the various social media platforms (Twitter, Facebook) to aid in the marketing and public relations of the D: Lab

Content Management and Coordination of documentation for D: Lab events and projects:

- Ensure the media coverage and documentation of all Fellows' projects
- Manage the team of volunteer students who write stories, take and edit videos and images for all projects and events
- Ensure that stories and documentation are made available online via social media platforms, blog (ashesidesign.wordpress.com), YouTube and Flickr

Sound exciting? Here's who we are looking for.

Skills & Qualifications

The D:Lab Coordinator must have a strong interest in or passion for design thinking and making exceptional user outcomes. The coordinator must be open minded and require minimum supervision in his or her work. He or she must have strong



technical background design-related fields but also the people skills to succeed and build a community.

Minimum qualifications

- Prior knowledge experience in innovation, systems design engineering or design thinking.
- Undergraduate degree in: engineering; architecture; computer science; management information systems; innovation; arts, media and related fields; or business (supply chain, entrepreneurship, innovation, marketing or similar concentrations).

Required skills and attributes include

- Excellent interpersonal and communication skills
- Strong operational and project management focus
- Demonstrated ability to effectively collaborate with multiple constituents
- Demonstrated ability to create and maintain relationships with key stakeholders in a wide range of business, industry and community partners
- Organized and Seller, Promoter, Media Savvy, Social Media Fluent
- Ability to think on the spot
- Familiarity with some design tools
- Experience with online-based productivity tools such as Slack, Trello, Google Drive
- Financial acuity and budget management
- Ability to work well in a multicultural environment with various entities
- In depth knowledge in design thinking
- Ability to effectively manage people in a fast paced environment, manage grants and budgets, and design effective programs to deliver for program participants

Please note: You must be a Canadian citizen or permanent resident in order to apply. No exceptions.

Compensation

All costs relating to the placement are either paid for directly by EWB (airfare, insurance, vaccinations, trainings) or indirectly through a living stipend, which covers food, living expenses, local travel, etc. Fellows also receive an honorarium that can be used to assist with repatriation costs that is provided after completion of 12 month contract. The stipend covers basic living expenses for a modest lifestyle in your



placement country. You should not expect to save money during this year or use the stipend to cover previous expenses (ex. student loans).

Additionally, EWB offers a range of benefits including insurance, a settlement allowance, professional development opportunities, and more.

Application Instructions

Submitting your application for the EWB Fellowship involves two steps:

Step 1: Under the subject line "[D:Lab Fellow/Ashesi]", submit your CV/Resume to ltfreruitment@ewb.ca

Step 2: Complete the [following online application form](#).

We **highly encourage** applicants to apply for more than one role as this is a highly competitive program. If you would like to submit your candidacy to more than one role, please fill out separate forms.

Applications will be reviewed, and interviews scheduled on a rolling basis, so please submit your application as soon as possible. If the posting is still on our website, consider the role available.

For further detail about EWB, please read our Fellowship FAQ, [our website](#).