**2019 BIG DATA HACKATHON PROJECT SUBMISSION FORM**

Complete the following information and upload to your team number GitHub repository (github.com/BigDataForSanDiego) by 10:00 a.m. on Saturday, March 16th (along with your team’s final pitch presentation slides).

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| **Team Number:** | **303** |

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| **Team Name:** | **Coding for Christ** |

**Team Members:**

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| *Name* | *Active SDSU student?* | *Female active SDSU student?* | *Active SDSU veteran?* | *14th grade (college 2nd year) or younger* |
| **Alexis Lona** |  |  |  |  |
| **Sarah Fieck** |  |  |  |  |
| **Mackenzie Tassiello** |  |  |  |  |
| **Stephanie Otte** |  |  |  |  |
| **Reagan Koster** |  |  |  |  |
| **Tiffany Torres** |  |  |  |  |
| **Aaliyah Balagtas** |  |  |  |  |
| **Alona Boyer** |  |  |  |  |
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| **Team Leader:** | **Sarah Fieck** |

**A question your team is answering (check a box OR provide a question your group created)**

**Smart City**

How can San Diegans have better options for parking in high-traffic areas to void congestion?

How can we get an emergency vehicle to the scene in shortest possible time can save lives?

Your question: What areas have the most coffee waste being produced, and what areas use the most microbeads

**Smart Environment**

How can San Diegans have access to better air quality indoors and outdoors?

How can we clean San Diego beaches effectively?

Your question:

**Smart Education**

How can schools better utilize their physical resources?

How to provide better school bus routing plan for San Diego Unified School Districts?

Your question: How can we educate students on how water waste treatment plans cannot filter out microbeads.

**Smart Transportation**

How can San Diegans make better transportation decisions of getting from point A to Z that leaves a smaller carbon footprint?

Your question:

**Smart Health**

How can we share useful public health information and web analytical tools for improve public health in San Diego?

What chronic diseases affect San Diegans and how can these conditions be managed daily?

Your question: How can our product utilizing coffee waste, help promote skincare and clean our ecosystems.

**Your team’s hackathon idea in TWO sentences:**

We're aiming to reduce waste caused by used coffee beans by turning the beans into a biodegradable soap, eliminating the need for microbeads.

We will be encorporating Smart Living Data by gathering trends from local Starbuck's and other companies to locate areas with the most waste produced.

**Dataset(s) your team are using for the project. Provide name and URL:**

Google Maps: <https://www.google.com/maps/@32.7411963,-117.0542503,12z>

Report Linker Data: <https://www.reportlinker.com/data>

**The impact of this project on your selected theme:**

The impact of this project will hopefully put good use to coffee waste from local restaurants, as well as reducing pollution in the oceans by reducing the use of microbeads

**The next steps needed to launch the project:**

An app must be created to hold data from restaurants so we can collect the coffee waste effectively.