# Wave Wearable

## Why Wave?

* Firstly, because it **aligns well with my learning goals**, I am really interested in working with **IOS development** for quite some time and being a part of Wave Wearable will allow me to learn a new technology and apply it in such a great project.
* Secondly, **this project provides me with an opportunity to work in technologies such as PHP, Javascript and MySQL** in which I have previous experience so I believe ***I will be able to contribute to the project significantly*** using my existing skills while enhancing and acquiring the new ones.
* Lastly, I am sure that working for this project **will help me build not only my technical skills but my managerial and leadership skills** to a great extent **as I know that working in small team means that each person on the team has to provide it their best and being a person who seek challenging work I really look forward to it.**

Due to these reasons of ***learning new technology, utilizing current skills by creating an impact and working on features that add value to the project***, I believe working with Wave Wearable will be a great fit for me.

**About yourself:**

***What defines me as a professional is my zeal to learn new technologies, taking full ownership of my work and to own up to it by delivering on or before time. I say so because I have self-learnt both C++ and Python during my previous employment at Tata Consultancy Services Ltd and have delivered efficient and maintainable solution using the same***. I was fortunate to be working in a small team which gave me an opportunity to own my work completely and be involved in each and every stage of the Software development life cycle. I was entrusted with developing a software solution for one of the clients on my own and had completed the task by dividing it in various iterations and in each iteration, I had delivered the software on or before the deadline.

***Currently as you know I am Pursuing Masters of Computer science at UCI*** which has further enhance upon my Computer Science skills, As a part of my academic projects ***I have implemented hash table with two hashing algorithms, a k-ary heap and an AI agent to play Connect-K game using Python, I have also implemented a relational database management system using C++.*** ***Recently I have also worked quite a bit in C language*** as I had to ***program bits and pieces of Operating system*** and simulate load balancing in ring topology amongst processors. To strengthen my foundations of computer science I have completed courses such as Algorithms, Data Structures, Parallel and distributed computing, operating systems and Database management while I have dived into newer areas by taking courses such as Artificial Intelligence and machine learning.

Given my current and past experience in computer science as well as my ambition to deliver the best, continuously learn new things and apply as well as enhance my computer science skills I believe I will be a great fit for this position.

**Questions:**

1. I read the MCS information sheet, but I couldn’t quit figure out how exactly the brace will help with the carpal tunnel syndrome and other such conditions. So, it like based on user input the brace will impart some kind of remedy to these conditions? What would this remedy be?
2. Do we expect the user to log their daily activity of food intake via the application inorder **to find user’s problem habits** or is it via some sensor inputs?
3. Is the plan to develop two separate applications one for android other for IOS devices? Why react wasn’t chosen? Is it because of its license issues?
4. How many software developers will be part of the team? Are there any seniors who can be mentors?
5. If Selected what technologies will I work on? Since I noticed that 5 or more people might be working on this project, I wanted to know how the tasks will be divided.
6. When can I expect a ***decision***?
7. Would you mind if I work for 2.5 days (20 hours) on this project and the rest of the week on other startup project?