A Global Impact
Mariam Ibrahim ‘17 (Summer 2016)
CityTaps is a social start-up based in Paris, France
- Currently in Tour Montparnasse, the tallest building in Paris.
- Prototypes are run out of Niamey, Niger
- Their goal is to bring running water to more than 83 million global citizens in urban areas

The company is composed of a number of multi-national employees (as well as interns), providing a very worldly and dynamic work environment
My Responsibilities

• Designed and executed test bench on various valve components
  – The results of these tests were used to make decisions regarding purchasing for prototype
• Engineered and manufactured multiple iterations of prototype’s exterior enclosure, protecting internal components while allowing easy access
  – Will be deployed for testing in October 2016
Personal Impact

• Confirmed previous inklings that I prefer working in an environment where I have at least a general idea of the internal workings of each product.
• This lead to me realize I either need to work in smaller companies, companies that work with small, personal products, or in a management position.
• I also realized I very much enjoy working with my hands – by that I mean, physically building something relevant to my works, and watching digital models turn into physical models.
• Moreover, I found that having bosses and co-workers from a variety of cultures and heritages was something I deeply valued.
Global Impact

• Currently, many individuals in urban areas have access to water – but paying for it involves walks well over a mile long (in extreme heat and weather)
• This task often falls to the family’s daughter, or in the case of only sons, the mother
• Because workers are often paid on a day-to-day or weekly basis, many families cannot afford to prepay for their water in large increments, meaning girls and women have to make these long walks frequently
• CityTaps’ ‘smart’ water meter enables payments in any size via cell phone – allowing girls to go to school and receive an education
• Studies show that ending these long journeys also improves women’s health and increase literacy rates
Be in Paris

• Get a chance to spend multiple months living in one of the most incredible cities in the world
• For French speakers, you’ll have an amazing opportunity to brush up and dramatically improve your speaking and listening skills
• For everyone else, it is a great time to start learning