Infinite Options

Project Based Training

Corporate Overview

October 2019

First Company Photo August 2018
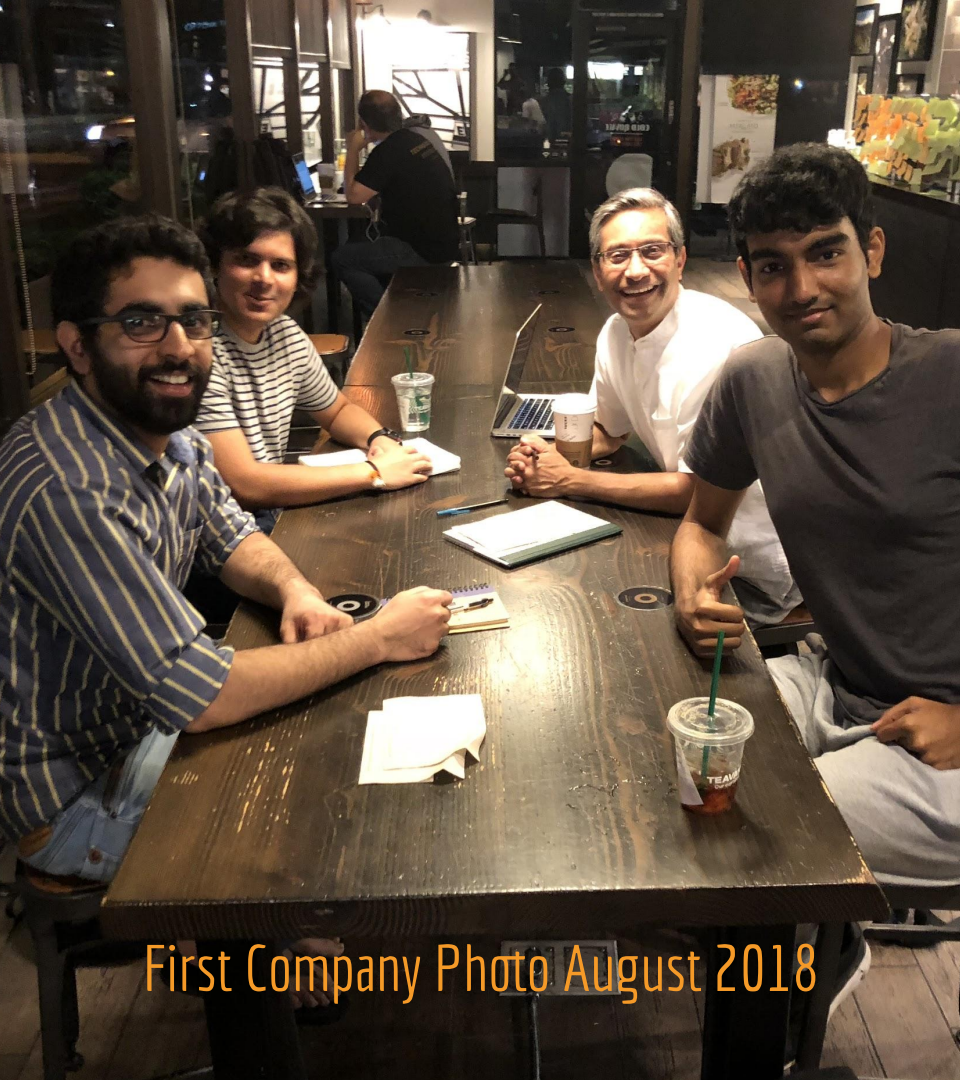
Who We Are

- Started August 2018
- Initially conceived as a mentoring organization
- Quickly became a Training and Technology company

Our Story

Video Table of Contents

In The Community Interview - August 2019

* Special Thanks to KMVT, Marc Potter and Ferzeen Chhapgar

"There are no rules here -- we're trying to accomplish something."

- Thomas Alva Edison

Our Process

We learn by doing. The best way to get good at something is to do it - preferably in a safe, supportive environment.

☼ We start with an idea and assemble a team. The team comes up with the plan and starts working on a prototype.⚙

It's an iterative process. ⊗Failure is met with analysis 📈 . ✓Success is a stepping stone that propels us to the next idea until we develop a 📦 product or service that is somehow useful to others.

Both Success and Failure teach us something and both are key to Project Base Training.
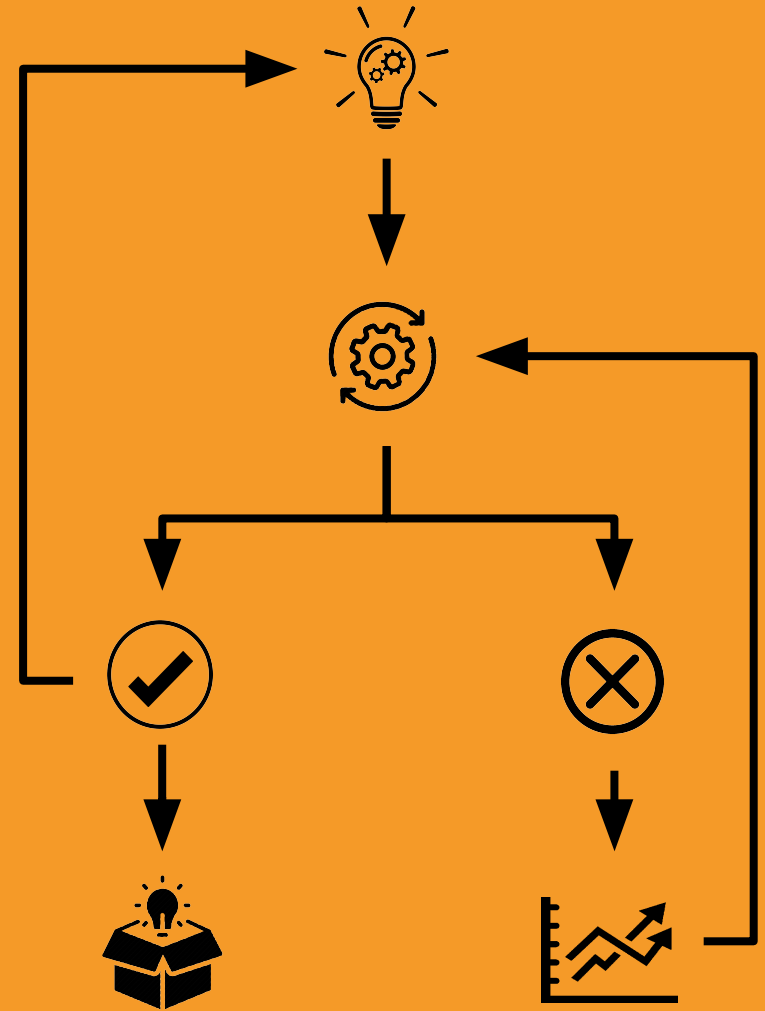
Our Philosophy

"Our greatest weakness lies in giving up. The most certain way to succeed is always to try just one more time."
- Thomas Edison

- Experience makes it real
- Keep it Simple
- Focus on the Pipeline and Take the First Step
- Venture into the Unknown and Figure it Out
- Passion makes entrepreneurs
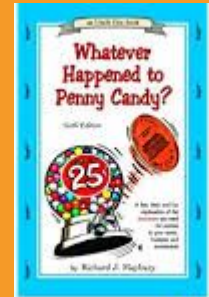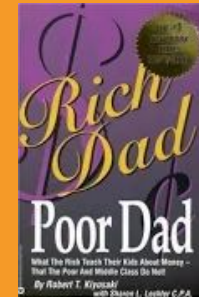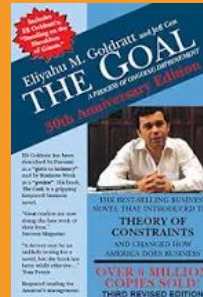
Why Participate

"The Only Source of Knowledge is Experience"
- Albert Einstein

- Experience, Experience, Experience
- Resume Reviews
- Interview Training Skills
- Mentoring
- Coaching
- Training Seminars
- Team Building

Current Projects*

"Genius is one percent inspiration and ninety-nine percent perspiration."
-   Thomas Edison

- Serving Now
- Obstacle Avoidance Robot
- Facial Recognition
- Inventory Management
- Drum Beat
- Eliminating Food Wastage

* as of September 2019

Serving Now

- Designed to support growing community of Home-based Kitchen
- Creates a Marketplace to connect Neighborhood Kitchens with Consumers
- Pivot to Farmers Market (July 2019)
- Provide direct connection from Farmers to Consumers

Now You Can Get
Farmer's Market
Produce
Direct to your Door

Contact (925) 400-7469 to get free delivery!

- Buy from Farmers you select
- Choose only the produce you want
- 100% Money Back Guarantee

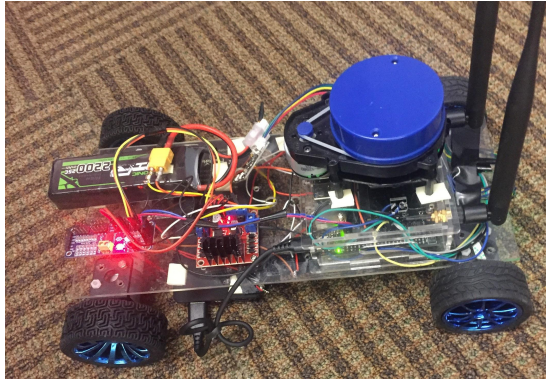Visit us on the web at ServingNow.Me to sign up!

Big Picture
We've created a pipeline to connect Manufacturers directly to Final Consumers

- Engineering
  - Frontend Mobile App (iOS & Android)
  - Web Application hosted by Google
  - Backend Amazon Database
  - Built using Java, Javascript, Flask, Python and Xamarin
- Marketing
  - Designed Web & Mobile Logos
  - Created Marketing collateral
  - Envisioned Pivot to Farmers Markets
  - Focused on small Target Markets in San Jose and Santa Cruz
- Next Steps
  - Looking for Full Stack Developers
  - Looking for Branding, Marketing and Business Development expertise

Obstacle Avoidance Robot

- Designed to accomplish a task while autonomously avoiding obstacles
- Use case is to capture video and adjust position based on where the action is

Big Picture

We've created an autonomous robot that can be customized to support multiple applications

- Engineering
  - Built using LIDAR and Nvidia Nano
  - Integrating Sensor Fusion
  - Mobile App Controls (iOS & Android)
  - Wireless Communication
  - Built using C++ Python and ROS
  - Mobile App to be made in Xamarin
- Marketing
  - Completed Market Size Analysis
  - Determining most impactful application
- Next Steps
  - Looking for Robotics Engineers
  - Looking for Mobile Developers

Facial Recognition

- Originally designed to augment the Robot and Notes Classifier projects
- Pivot to Separate project (Aug 2019)
- Designed to recognize faces upfront and at a distance

- Engineering
  - Using Haar Cascade for facial detection
  - Using OpenCV for Machine Learning
  - Devising a web-based app for training photo capture
  - Developing an Algorithm to train near and far images simultaneously
- Next Steps
  - Looking for AI and ML Engineers
  - Looking for SW Engineers
  - Looking for Optics Engineers

Big Picture

First Partnership with an outside organization

Inventory Management

- Solves the problem of what to order when to avoid shortfalls
- Designed using proper database methodologies and table attributes
- Freemium model allows for basic quantity forecasting
- Paid model allows for time-base forecasting incorporating Lead-time and Manufacturing Time constraints

- Engineering
  - Working on Web-based frontend to autoload Excel and Sheets data
  - Working on an Actionable Dashboard
  - Backend Amazon Database
  - Built using MySQL Workbench
- Next Steps
  - Looking for Database and Data Analytics engineers
  - Looking for Web Based Engineers
  - Looking for Branding, Marketing and Business Development expertise

Big Picture

We've created the first light-weight, low cost Inventory Management system

Drum Beat

- Designed to measure the BPM (Beats per Minutes) as a song is being played
- Eliminates ambiguity if a song is played too fast or too slow
- Runs off a single 9V Battery
- Manufacturing cost target < $10
- Working on a Mobile App equivalent
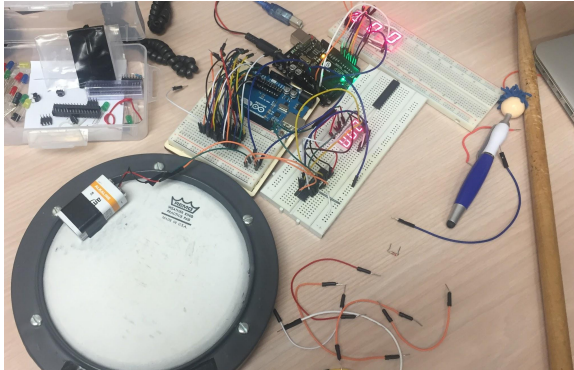
- Engineering
  - Designed original circuit using Arduino
  - Designed reduced circuit for production
  - Created original algorithm to measure BPM and tempo changes
  - Built using C++
- Next Steps
  - Looking for Design engineers
  - Looking for Manufacturing engineers
  - Looking for Branding, Marketing and Business Development expertise

Big Picture
Our first Hardware and Software Project and might become our first Mass Produced product

Eliminating Food Wastage

- Our first major initiative to impact the world
- Approach:
  - Understand where the waste occurs
  - Design a system with Zero Waste
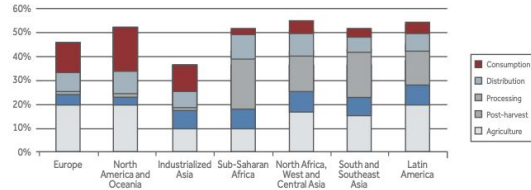 - Put in place the enablers to ensure all food is consumed

Figure 1. Percentage of the initial production lost or wasted at different stages of the FSC for fruits and vegetables in different regions. "Agriculture" indicates losses occurring during harvest operation and subsequent sorting and grading. "Post-harvest" indicates losses occurring during handling, transportation and storage immediately after harvest and before processing.

Big Picture

Hunger is a Supply Chain issue. By changing the way we view the problem we can find a solution.

- Engineering
  - Visually mapping the Supply Chain
  - Combining Big Data to scope the problem
- Next Steps
  - Looking for Supply Chain engineers
  - Looking for Database and Data Analytics engineers
  - Looking for Web Based Engineers
  - Looking for Branding, Marketing and Business Development expertise

FAQ

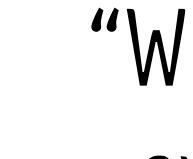## Are the Internships unpaid?

Yes. All internships are unpaid. The idea is to set up a win-win environment with people who are passionate about their work. Depending on their objectives, participants can get involved in any/all aspects of running a business and gain valuable experience to either be more successful employees or eventually launch their own projects and companies. We provide mentorship, coaching and a training ground, free-of-charge in which to experiment and learn.

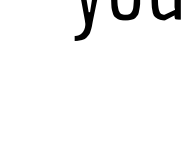## Which Project will I work on?

Project assignments are based on your experience, your interest and the company need. It most situations, we are able to find a project within one of our existing projects that helps you develop in areas you want to grow.

Where do you get your Project Ideas?

Most of the time project ideas arise based on some market need. Occasionally ideas are spin-offs from other project or are the result of partnerships with other organizations.

"When you have exhausted all possibilities, remember this – you haven't."

– Thomas Alva Edison

Testimonials

Abhiram S.
Drum Beat Project

"Opportunity is missed by most people because it is dressed in overalls and looks like work"

– Thomas Alva Edison

Testimonials

Bikram P.
Inventory Management Project