



Projects for USF CS Students 2021

By Jose Alvarado

Introduction



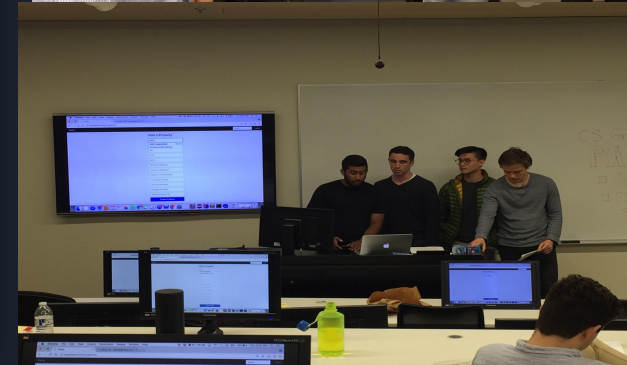
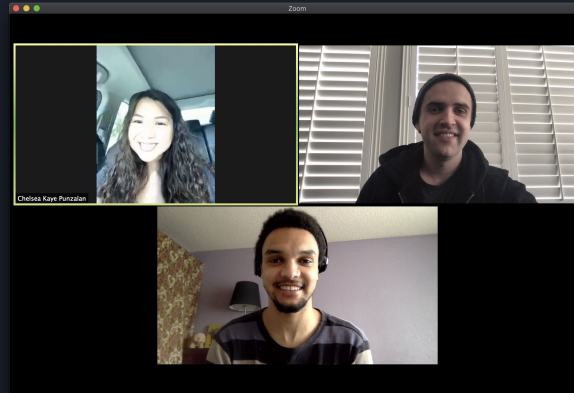
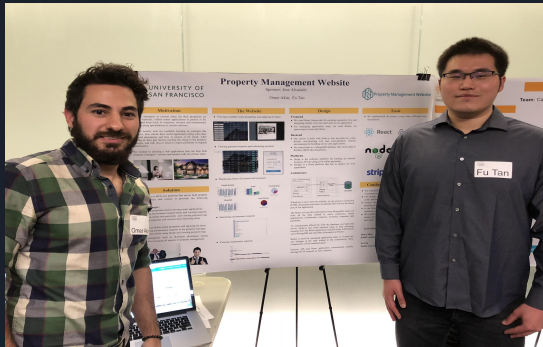
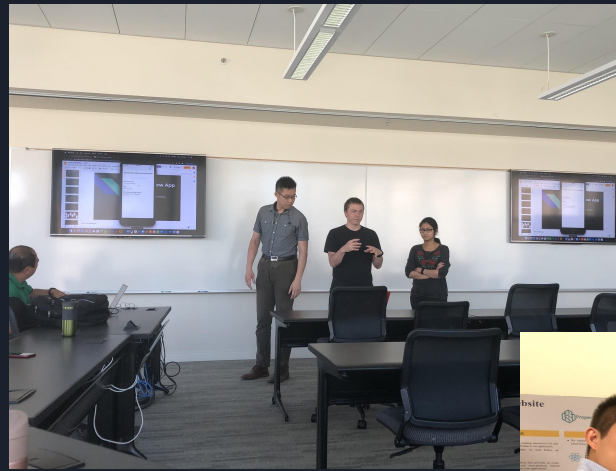
Jose Alvarado

2015: M.S. in Computer Science from USF

- Engineering Manager at a startup in SF where I manage the following projects
 - Swift iOS App
 - Node.js API on AWS
 - React Web App
- Founded Giftata (iOS App)
- Founded ThisWon (iOS App)
 - Co-founded with another USF student
 - Successful exit
- Founded SF Dev Shop
 - Freelance projects on the side for other companies

Student Stats

- Feb 2017 - Present
- Worked with 97 students
 - Teams of 2 or more
- 28 Projects
- Employed At
 - Amazon
 - Microsoft
 - Facebook
 - Unity
 - Other startups



Students I worked with in recently

	A	B	C
1	Project Name	Year	Name
2	Meme App	2020	Bradley Genao
3			Jake Ols
4			Ned Azar
5			Alex Kowalczyk
6	Pocket Realtor App	2020	Jerry Chen
7			John Fox
8			Junting Cai
9	Donation Platform	2020	Danielle Hu
10			Na Lu
11			Roger Yu
12	Walking 4 Health App	2020	Iris Li
13			Nuo Cheng
14			Yiqi Wei
15	Chicken Tinder App	2020	Yuan Qian
16			Zhenzhen Wang
17			Lev Weinstein
18	Sustainability App	2020	Alexander Wojcik
19			Esha Chennubhotla
20			Sameer Isaq
21	Emergency Card App	2020	Ornelle Fonkousa Mambe
22			Ravi Patel
23			Sepid Ebrahimi
24	Boozy App	2020	Chelsea Kaye Punzalan
25			Hayden Miller
26			Isaiah Jenkins

	A	B	C
1	Project Name	Year	Name
27	Property Management Platform	2019	Casey Steiner
28			Jay Cruikshank
29			Sam Snyder
30	Food Order Platform	2019	Christina (Tina) Aquino
31			David Mendez
32			Kevin Kim
33	Foodie Review App	2019	Divya Vijayan
34			Neal Siegrist
35			Zirong Wang
36	On Demand Platform	2019	Danielle Hu
37			John Victor Fox
38			Sum Xu
39	Meal Planner App	2019	Alex Thompson
40			Drew-Joseph Noma
41			Dharti Madeka
42			Jordan Aldujaili
43	Sustainability App	2019	Nick Kebbas
44			Shihao Sun
45			Bill Li



Projects

- Restaurant Care Package
- HeyBaby
- Fitness Workout Log
- Donation Platform



Restaurant Care Package (Mobile + Web)

Project Goal

- A platform to help independent restaurants sell their food without having to pay a huge commission through third-party food delivery services like DoorDash or Grubhub
- MVP includes ordering food through the platform for pickup
- Extra step would include restaurants being able to add their own drivers to the platform to deliver food

Key Features

- Signup/Login
- Users
 - Search for restaurants
 - Filter by different categories
 - Add items to cart
 - Checkout
 - View order status
 - View History
- Restaurants
 - Create their restaurant profile
 - Upload their food (pictures + details)
 - Be notified when someone makes an order and indicate the status of the order

Restaurant Care Package (Mobile + Web)

ASAP to 219 6th Street DOORDASH Search

BACK

Search

1303 STORES NEARBY

- Convenience
- Fast Food
- Asian
- Healthy
- Chicken
- Burgers
- Desserts
- Breakfast
- Sandwiches
- Chinese
- Thai
- Mexican


See All

DashPass Sort

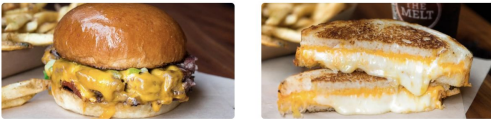
Over 4.5 ★ Under 30 min

Pickup Vegetarian \$,\$\$


Group Order



McDonald's ✓
\$ - Fast Food, Burgers, Breakfast, Ice Cream, American (New), Dinner
4.7 ★ 1500+ ratings 15 mins
Free delivery over \$12



The Melt ✓
\$\$ - Fast Food, Burgers, Fries, Sandwiches, American, Late Night, Lunch, Comfo...
4.5 ★ 1500+ ratings 28 mins
Free delivery over \$12



Panda Express ✓
\$ - Asian Food, Family Meals, Fast Food, Asian, Chinese
4.4 ★ 1500+ ratings 35 mins
Free delivery over \$12

The Melt

DashPass - American (Traditional), Sandwiches - 4.5 ★ (2000) - 0.3 mi - \$\$

\$0.00 delivery fee on \$12+ 23-33 minutes

Group Order Delivery Pickup


All Day
10:00 am - 1:00 am

Popular Items Mac & Cheese... Meltburgers Grilled Cheese Chicken Condiments &... More


Popular Items

The most commonly ordered items and dishes from this store


Meltburger
More than 1/3 lb of our signature Angus & Wagyu beef, chopped, grilled and filled with...
\$9.99




Tomato Soup
Vine-ripened tomato, touch of cream & basil.
\$3.99




Three Cheese Classic
Sharp cheddar, muenster and fontina cheeses on artisan french bread. Includes pickle on th...
\$7.99




Cheddar Bacon Ranch Fries
Smothered in our cheddar sauce, crispy bacon, shredded cheddar, and ranch.
\$4.99



Patty Melt
Grilled Angus & Wagyu beef patty, sweet, caramelized onions, melted swiss and...
\$11.49



Garlic Parmesan Fries
Tossed with garlic butter, fresh garlic and shredded parmesan.
\$4.49





HeyBaby (Mobile + Web)

Project Goal

- Dating App
 - Platform for those who want kids and/or have kids
 - Similar to other dating apps like Tinder or Hinge except the goal is to find a serious partner who wants a baby
- Donor App
 - Platform for help find a local sperm donor
 - Similar to the traditional model except that donor profiles will be public and have up to date information, the criteria will not be as strict, and donors can donate their sperm instead of having someone purchase it
 - Countless stories of clinics misusing donors sperm

Key Features

- Sign Up / Login
 - Fill out important information
 - Upload pictures
- Support either swiping or scrolling of profiles
 - Left swipe does not remove the profile from coming up again in the future
- Matches can communicate through the app
- Users can unmatched or report a profile
- Users will pay a monthly fee to stay active in the app



Fitness Workout Log

Project Goal

- A platform where personal fitness trainers can create and manage their client's workout program
- Trainers will have a complete admin dashboard where they can send email invites to their clients to create an account, manage all of their client's workout programs, and other features
- Clients are also able to create their own workout programs to track their own progress without the need for a personal fitness trainer

Key Features

- Trainers
 - Manage client workouts
 - Type of exercise
 - Weight & # of reps
 - Pay monthly subscription based on # of client
- Clients
 - Manage their workout
- Both
 - View charts and graphs of progress
- Track body measurements
 - Biceps, chest, legs, etc,
- Profiles can be public for others to view



Nonprofit Donation Platform (Web/Mobile)

Project Goal:

- A platform to help democratize philanthropy through individual giving
- NDP will display non profit organizations that have signed up and have been manually verified/approved to be legitimate organizations
- Every user will be able to see a history of all of their donations as well as have a public-facing profile similar to LinkedIn displaying all of their contributions
- Partnering up with a fundraising manager of a nonprofit organization

Key Features:


- Users
 - Registration
 - Search / Filter Organizations
 - Make donations
 - View history of donations
- Organizations
 - Registration
 - Setup deposit account
- Public facing profiles for organizations and users

Nonprofit Donation Platform (Web/Mobile)

Nonprofits

Search


Everything Giving Circles Funds Nonprofits



National Immigration Law Center
Los Angeles, CA
US nonprofit EIN 95-4539765

Established in 1979, the National Immigration Law Center (NILC) is the only national legal advocacy organization in the U.S. exclusively dedicated to defending and advancing the rights and opportunities of low-income immigrants and their fa...


[Read more](#)



Make the Road New York
Brooklyn, NY
US nonprofit EIN 11-3344389

Make the Road New York promotes economic justice, equity and opportunity for all New Yorkers through community and electoral organizing, strategic policy advocacy, leadership development, youth and adult education, and high quality legal an...


[Read more](#)



Immigrant Justice Corps
New York, NY
US nonprofit EIN 46-4879076

Immigrant Justice Corps ("IJC"), is the nation's first and only immigration legal fellowship program. IJC seeks to expand access to counsel by increasing the quantity of immigration lawyers and the quality of the immigration bar. Each year...


[Read more](#)




Montefiore Medical Center
Bronx, NY
US nonprofit EIN 13-1740114

As the academic medical center and University Hospital for Albert Einstein College of Medicine, Montefiore Medical Center is nationally recognized for clinical excellence—breaking new ground in research, training the next generation of heal...

[Read more](#)



Americans for the Arts
Washington, DC
US nonprofit EIN 52-1996467



FIERCE
Bronx, NY
US nonprofit EIN 03-0518774

Choose amount

Help us make a bigger impact: Select "Monthly" and become a recurring donor.

One time Monthly

\$60
A semester's school supplies for a kid

\$100
A month of healthy lunches and snacks for a kid

\$1000
Type custom amount

Donate to an area of greatest need

Choose where to designate this donation

You can login to edit your recurring donation at anytime

Payment Donate

CREDIT CARD PAYPAL

Credit card number
4242 4242 4242 4242

MM / YY CVC code

Billing postal code

*You can login to edit your recurring donation at anytime

Donate \$100 monthly



Schedule/Goals

- Week 1: Intro & Walkthrough
 - a. Tutorials
 - b. Access to GitHub
- Week 2: Backend Tutorials: Node.js
- Week 3: Frontend Tutorials: React.js or Swift
- Week 4 - 12: Project Tasks
 - a. Bi-weekly tasks will be provided based on the number of students in each team and their experience
 - b. Weekly standups
- Week 13-15:
 - a. Wrapping up key features
 - b. Poster presentations
 - c. Working on extra features if your team is ahead of schedule

Preferred Tech

- Mobile App Engineer
 - Swift or Objective-C
 - React Native or Flutter
 - Java or Kotlin
- Front End Developer
 - React or Vue (Javascript)
 - Javascript
 - Local storage
 - Material-UI, Ant Design
- Backend End Developer
 - AWS
 - Node.js (Javascript)
 - Express
 - Database
 - Postgres



Why should you pick my projects?

1. **Swift iOS Software Engineer**
 - a. National Avg. Salary: \$127,000
2. **Node.js Developer**
 - a. National Avg. Salary: \$110,000
3. **React.js Developer**
 - a. National Avg. Salary: \$120,000
4. Real world experience
5. Opportunity to give feedback on the product and roadmap
6. Sprint workshops
7. Resume Review
8. LinkedIn Recommendation
9. Technical Interview Problems + Mock Interviews
10. No prior experience needed
 - a. You will learn the fundamentals as you go
 - b. Must have a desire to learn
 - c. 1-1 help to debug your code
11. Mentorship beyond USF
 - a. Grad School Recommendations
 - b. Job references
12. Resources
 - a. Tutorials & courses
 - b. Resume
 - c. LinkedIn
13. Connect with Alumni students through our Slack channel
14. Job Referrals
15. Public recognition when we launch!



Questions?

Have a project idea you're really
passionate about?

Let's chat and see what happens!

Jose Alvarado <josealvarado111@gmail.com>