



Curriculum Vitae

Gabriel Michael Frischer

Education

2009-2013 William Howard Taft High School
2011-2013 Pierce Community College
2014-2018 B.S. Biology and Psychology – UC San Diego
2016-2017 JumpStart Medical School Primer Course - UC San Diego
Fall 2019 LAVC Emergency Medical Technician FIRETEK 96 Course

Research

PHAGE GENOMICS RESEARCH INITIATIVE Aug 2014 - Jun 2015
Discovered novel viral genome for *PhagesDB.org* Actinobacteriophage Public Database
CENTER FOR NEURAL CIRCUITS AND BEHAVIOR Feb 2014 - Apr 2016
Performed neurosurgery for optogenetic memory modulation of fear in rodent amygdala
SKAGGS SCHOOL OF PHARMACY Jun 2017 - Sep 2017
MassSpec to inform pulmonologists of antibiotic treatment for pediatric cystic fibrosis patients

Work



Embrace HealthWear Inc. • FOUNDER & CHAIRMAN Jan 2016- May 2018
Raised \$50,000 investment, developing motion analytic wearable device which empowers older adults to take control of their mobility and independence by predicting and preventing falling injuries 6 to 24 months in advance. In partnership w/ UCSD “The Basement” Startup Accelerator
MYALO CHATBOT - <https://v3.pubpub.org/pub/myalo-chatbot> Jan 2017 - May 2017
Designed and engineered chatbot to fight clinical depression digitally through Facebook
AXIOLOGY MCAT COACH - La Jolla Jan 2017 - May 2017
Structured 24 hour study plans for 17 students and tutored Bio and Chem/Phys section
A BETTER SOLUTION IN HOME CARE INC. - San Diego Jun 2018 - Aug 2018
Cared for bed ridden older adults on ventilator and gave them full body massages to prevent deep venous thrombosis (DVT)
DYNAMIC NURSING - Studio City Feb 2019 - Sep 2019
Administered physical therapy, hourly vitals recorded, electromuscular stimulation, palliative care and ventilation at 2 - 5 L/min to an older adult suffering from spinal stenosis after recovering from a laminectomy
HALO HOME CARE - Woodland Hills Feb 2019 - Apr 2019
Helped patients with incontinence and poor vision in addition to dementia care

Volunteer

KAISER PERMANENTE OF WOODLAND HILLS	Jun 2011 - Sep 2012
Volunteered at North Pharmacy and Gastroenterology department	
TARZANA PROVIDENCE MEDICAL CENTER	Jul 2012 - Aug 2013
Transported specimens, discharged patients, then worked in ER	
RONALD REAGAN EMERGENCY ROOM, UCLA	Aug 2015 - Feb 2016
Shadowed Dr. Daniel Weingrow during his rounds in the ER	
CRANIOSPINAL CENTER OF LOS ANGELES	Mar 2016 - Apr 2016
Shadowed Dr. Brian Gantwerker in his neurosurgical practice	
TIJUANA MEDICAL RELIEF TRIP	September 2016
Drove to a small poverty-stricken village in the mountains of Tijuana to help medical professionals administer medicine to children, their parents, and older adults in need.	

Portfolio

HUSBANDSHOP - https://husbandshop-78d38.firebaseio.com
Shopping list made with Django Backend REST API connected to React Frontend and ported to React Native
MODISHME EVENTS - https://modishmeevents.com/
Shopping list made with Django Backend with React Frontend
SUNFLOWER STEVE - https://sunflowersteve.herokuapp.com/
Store made entirely with Django and Stripe for sunflower seeds
HARVEY'S HOLLYWOOD COLLECTIBLES - https://harveyshollywoodcollectibles.herokuapp.com/
Store made entirely with Django and Stripe for selling vintage cinema antiques
OPTOMYSTIK STORE - http://optomystik.herokuapp.com/
Store made entirely with Django and Stripe for selling skateboard apparel
POWER WASHING PROS - https://powerwashingpros.herokuapp.com/
Full fledged CRM which organizes Power Washing companies clients, jobs, appointments, service tasks, quoting, invoicing, reporting, and payments through a web and mobile app



Libra™

Wearable Independence



Balance Tracking

Libra tracks balance when you stand, sit, and walk.



Walking Analytics

Libra uses Big Data to understand your gait and improve your mobility.



Works On Any Device

We've built Libra to work on the web, email, through iPhone, and on Android.

At **Embrace HealthWear**, our mission is to **empower** individuals with mobility impairments by making physical therapy evaluations **accessible** from the comfort of home. Based on your gait activity, **Libra™ predicts and prevents falling injuries** months before they happen, and informs you about **personalized exercises** you can do to improve your **stability** and **strength**.

This wearable saves lives.