

STEFANIE SERPA

smserpa@gmail.com | (650) 245-3920
<https://github.com/smserpa>

EDUCATION

UC SAN DIEGO

FULL STACK WEB
DEVELOPMENT
BOOTCAMP
SEP. 2020-NOV. 2020

UC DAVIS

B.S. CHEMISTRY
2015-2017

SAN FRANCISCO STATE UNIVERSITY

B.S. CHEMISTRY
2012-2015

EXPERIENCE

PT WORKS - PHYSICAL THERAPY

PT AIDE/ADMIN

NOVEMBER 2019 - AUGUST 2020 | LOS ALTOS, CA

- Assisted therapists by treating patients with traction, muscle stimulation, rehabilitative exercises, and heat therapy.
- Scheduled new and returning patients, verified insurance, handled patient billing
- Managed office space and orders for medical devices and in house supplies

BILLINGSLEY RESEARCH GROUP

UNDERGRADUATE RESEARCHER

SPRING 2015 - SUMMER 2015 | SAN FRANCISCO STATE UNIVERSITY

- Developed a theoretical synthesis of aryl amines from copper-catalyzed reactions between aryl halides and an amino acid.
- Conducted synthesis of aryl amines through the developed theoretical methods.
- Tested given products through Gas Chromatography Mass Spectroscopy and NMR Spectroscopy.

SIMONIS LABORATORY

UNDERGRADUATE RESEARCHER

FALL 2014 - WINTER 2014 | SAN FRANCISCO STATE UNIVERSITY

- Conducted preliminary tests on saliva samples to determine if certain metabolites could be observed through proton NMR Spectroscopy.
 - Dr. Simonis hoped that quantifying the levels of lactate and other metabolites found in saliva could present a non-invasive form of cancer screening.

LANGUAGES/TECHNICAL SKILLS

Proficient: HTML5, CSS, JavaScript, NodeJS, express, MySQL, MongoDB, NMR Spectroscopy, Mass Spectroscopy, Gas Chromatography, L^AT_EX, Matlab