

Benjamin Nguyen

11 Laurelhurst Drive
Ladera Ranch, CA, 92694
949 - 981 - 5880
benjamin.nguyen@cox.net

EXPERIENCE

Dental & Vision Associates, Connecticut — *Intern/Dental Assistant*

June 2021 - August 2021

Assisted dentists in examinations, cleaning, and procedures
Sterilized instruments, packaged and set instrument trays,
and prepared rooms for patients
Labeled products, sent appointment reminders, filed
paperwork regarding billing insurance companies

City of Hope Radiation Oncology, California — *Intern*

October 2023 - June 2024 (In progress)

Spatiotemporal imaging of Zr89 to measure CD8+ T-cells
Creating a novel compartment model for longitudinal
immunoPET image amplification
Using MATLAB and Python to achieve these goals

McDonald's, California — *Crew Member*

June 2020 - May 2021

Closed for the store and prepared all the equipment to make
it as efficient as possible for the morning crew

EDUCATION

University of California Riverside — *Major in Bioengineering* - 2020 - 2024 (In progress)

University of California Riverside — *Minor in Computer Science* - 2020 - 2024 (In progress)

PROJECTS

Bioengineering Project — COMSOL Model of Fluid-Structure Interaction in the Mitral Valve

- Used fluid interactions within COMSOL to simulate and study how various degrees of mitral regurgitation will affect the velocity of blood and the Von Mises stress within the valve

Bioengineering Project — *Control Mechanisms of Insulin Delivery Devices*

- Performed multiple literature reviews to find the best type of control system to reduce the time a patient spends in hypoglycemia and to maximize the time a patient spends in healthy glucose ranges

SKILLS

MATLAB and COMSOL

C++, Java, and Python

Unreal Engine 5

Setting up and operating
ultrasonic cleansers and
autoclaves

Fast learner, strong
analytical skills,
detail-oriented

Productive, highly
organized, responsible,
dependable

Competitive, willing to
put in the time and
effort to be great

AWARDS

Approximately 35
awards and trophies
after playing baseball
for 12 years

Acquired about 10
awards for competing in
Track and Field for 3
years

Reached the top 0.01%
in Valorant ranked

Competed with the UCR
Valorant team and won
many tournaments,
including a sponsored
trip by Redbull to
Arlington, Texas to
compete in person

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PROJECTS EXTENDED

One Way Out — RPG

- Plan on providing features such as: difficulty setting, storyline, stats system to level up, weapons system, array of enemies, predetermined map, battling system, inventory system, and more