

# Nathan Chan

Biochemistry Senior interested in research and medicine.

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## EDUCATION

### University of Washington, Seattle — B.S. Biochemistry

September 2022 - Expected June 2026

GPA 3.8/ 3.7 STEM

Relevant Coursework: Immunology, Biochemistry/Lab I-III, Genome, Physical Chemistry I-II, Organic Chemistry/Lab I-III

### North Seattle College, Seattle — EMT

June 2024- August 2024

EMT training in pre-hospital medicine, building strong understanding of human physiology, rapid decision-making, and teamwork-based patient care.

## RESEARCH & LAB EXPERIENCE

### University of Washington — Biochemistry Lab, 4.0

Conducted multi-week experiments spanning plasmid design through bacterial expression and downstream protein purification, analysis, and assay-based characterization.

### University of Washington — Genome 371, 3.8

Studied the structure, function, and analysis of genomes, including DNA sequencing technologies, genome assembly and annotation, gene regulation, and applications of genomics in biology and medicine.

## WORK EXPERIENCE

### Momentum Sodo — Instruction, Operations

August 2025 - PRESENT

Facility upkeep and instruction, hold stripping and washing.

### Seattle Bouldering Project — Operations, Wall Maintenance

October 2022 - August 2025

### Fresh Smile Seattle — Dental Assistant

August 2022 - November 2022

Assisted clinical staff during patient procedures while maintaining strict sterilization and patient care standards in a healthcare setting.

## TECHNICAL SKILLS

Western Blot/ SDS-PAGE  
Enzyme Activity Assays  
Plasmid Vector/Bacteria Transformation  
Sanger Sequencing  
Pymold, Foldit, AlphaFold  
IR, NMR, Mass Spec.  
Javascript/React.js, HTML/CSS  
Git/[Github](https://github.com)  
Microsoft/Google Suites

## AWARDS & CERTIFICATIONS

Annual Dean's List  
(2022-present)  
National Registry of  
Emergency Medical  
Technicians (NREMT) (Exp  
3/31/27)  
Dental Assistant License (Exp  
7/30/23)  
Prudential Volunteer Service  
Award (227hrs)  
SAT (1590)

## LANGUAGES

English, Cantonese