

Anna Dinh

Chemical and Biological Engineering

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Projects

Portfolio Website

May 2025

Utilizing CSS, HTML, Javascript and a vector illustration program, a personal portfolio and logo was created to embody both creative and engineering design works through consultation from online resources and physical media.

Synthesizer

February 2024 – April 2024

Designed and prototyped a portable synthesizer, demonstrating successful wave shape modulation through a user interface, aiding in construction of hardware installment through drafting, soldering, and circuit prototyping.

Kombucha Leather Wallet

January 2022 – May 2022

Cultivated a bacterial pellicle that was processed into a leather-like biomaterial through an experimental process of drying, synthesizing a material coating, and designing a wallet .

Technical Skills

Software: SolidWorks, Microsoft Office Suite, MATLAB, C++, Python, HTML, CSS

Research: Bacterial culturing, Data Analysis, Material Testing, Technical Communication

Design: Industrial Machine Sewing, Pattern Drafting, Styling/Creative Direction

Experience

BioTextiles Sub-Team Member, UBC Wastenauts, Vancouver, BC

Oct 2024

- Researching and reviewing literature on textile material testing, environmental impacts, and production techniques
- Collaborating on a research poster based on experimental findings for presentation at the BioProducts Institute Connect 2025
- Developing and prototyping biomaterials through bacterial culturing and monitoring

Freelance Stylist and Production Assistant, Vancouver, BC

Sept 2023

- Executed production logistics (budgeting, scheduling, and casting) for over 10+ creative/commercial projects
- Developed and led creative concepts while ensuring efficient resource allocation
- Coordinated with multi-disciplinary teams (photographers, designers, artists) under tight deadlines

Clients: Boiler Room, Family Management, Alaeria Agency, Inter-Agency, ShopAmalgam

Other Experience

YAC Member/Peer Mentor, Environmental Youth Alliance, Vancouver, BC

Jun 2022 – Aug 2024

- Participated and advised in the organization's community programs meetings for equitable youth opportunities
- Mentored over 50+ of Metro Vancouver's youth through indigenous plant education/restoration in Strathcona Community Gardens

Education

University of British Columbia

2023 - 2028

Bachelor of Applied Science | Chemical and Biological Engineering