

LAUREN AH-HOT

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EDUCATION

Cornell University, Ithaca, NY

Aug. 2024 - May. 2027

Computer Science, B.E.

- **Relevant Coursework:** Object-Oriented Programming, Data Structures & Algorithms, Analysing Data with Python
- **Anticipated Coursework:** Functional Programming, Discrete Structures

Programming Languages: Java, JavaScript, Python, HTML/CSS

Technology & Tools: Django, React, Node.js, Flask, AWS, Git, PostgreSQL

WORK EXPERIENCE

Founder

Baguette Nails, Ithaca, NY

Jul. 2024 - Present

- Executed professional manicures of various services, reaching a loyal clientele base of 40+ students.
- Marketed business to students across campus through social media, growing to 250+ followers in 1 month.

Founder

Bain de Mousse: Handmade Bath Bombs, Singapore

Mar. 2021 - Jul. 2024

- Handmade and sold 1300+ bath products, donating \$5500+ to charities helping give access to clean water for people in need.
- Used Django, Javascript, HTML/CSS, and PostgreSQL to code e-commerce website that was featured in 3 online articles, growing to 650+ followers on social media.
- Invited to hold booth at 3 events, including a UOB corporate event, and completed bulk orders for Meta.
- Received Beauty & Wellness Awards by Beauty Insider: Readers' & Bloggers' Choice Awards for Best Body Care

Retail Salesperson

Birkenstock, Singapore

Jun. 2022 - Aug. 2022

- Developed in-depth knowledge of product lines, features, and benefits, helping customers make informed purchasing decisions and boosting conversion rates.
- Managed daily retail sales and took care of housekeeping duties to keep maintain a clean environment.

PROJECTS

Facial Recognition/Face Merging Program Using Eigenfaces

Mar. 2024

- Used Python with Flask (OpenCV, NumPy, Matplotlib, scikit-learn) to develop a program that takes in a dataset of headshot, calculates eigenfaces using PCA, and compares the input face vector with the training set of weight vectors to find the closest matching face.
- Collecting a dataset of headshots, developed a program that takes the distinct eigenvectors of 2 face images and merges them together to create a new face.

LEADERSHIP EXPERIENCE

President, Code For All Service Club, Singapore American School

Feb. 2021 - May. 2024

- Organized coding classes at 3 children care centers, teaching 70+ kids Scratch & Java, 1 of which continued on to win a coding competition.
- Piloted game dev course for disadvantaged youths and worked with engineering charity to refurbish old laptops.
- Managed 4 committees of 50+ members and established branches in Spain and Michigan, teaching 50+ kids overseas.

Officer, Girls Who Code, Singapore American School

May. 2023 – May. 2024

- Advocated change in CS curriculum by editing documentary on female student perspectives in coding for school admin, reforming middle and high school coding courses and pitching for a CS graduation requirement.
- Hosted female STEM speakers and led female hackathon for Women in STEM week to inspire young female students.

Officer, Computer Science Honor Society, Singapore American School

Mar. 2023 – May. 2024

- Conducted review sessions, created study material, & hosted help sessions for CS students.
- Organized retreat, hackathon, & guest talks for members.

Captain, Varsity Tennis, Singapore American School

Oct. 2021 – Feb. 2024

- Initiated team bonding sessions & led warm-ups. Coordinated preseason practices and helped out with JV tryouts.
- Led team to third place in regional tournament.
- Earned Most Improved award (2022) and Coach's Choice award (2023).

ADDITIONAL

Languages: English, French

Hobbies: Reading, tennis, baking, snowboarding