

Brian Dang

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EDUCATION

VIRGINIA TECH

Blacksburg, VA

B.S., Computer Science

2023-2027

- GPA: 3.27/4.00
- Relevant Coursework: Intro to Software Design, Software Design & Data Structures, Intro to Problem Solving in CS, Intro to Computer Organization I, Computer Science Seminar

ADDITIONAL SKILLS

- Technical Skills: Python, Java, Javascript, C/C++, MATLAB, Flask, Swift, HTML, OpenCV, TensorFlow

PROFESSIONAL EXPERIENCE

HACKVIOLET

Blacksburg, VA

Participant

2025

- Developed a recyclable material classifier using Swift (frontend) and TensorFlow (backend, Python), resulting in an accuracy improvement of 20% over the baseline model
- Fine-tuned a MobileNetV2 model using a Kaggle dataset of 2,000+ images, achieving 95% accuracy in distinguishing recyclable materials
- Collaborated in a 24-hour hackathon, demonstrating strong problem-solving and teamwork skills under pressure

PIZZA HUT

Manassas, VA

Customer Service Representative

2021-2024

- Engaged with 50+ customers daily, placing their orders and answering any questions, both in-person and via phone
- Handled various payment methods, including cash, credit cards, and digital transactions, ensuring 100% accuracy in each process
- Worked closely with 5+ team members in a shift to create a stable and efficient work environment

CHINESE AMERICAN SOCIETY

Blacksburg, VA

Public Relations Chair

2024-2025

- Designed and produced 15+ promotional materials, including flyers, Instagram posts, t-shirts, and merchandise, increasing event attendance by 30+ people
- Collaborated with 20+ board members to improve the overall club experience, resulting in a 25% increase in member retention and satisfaction ratings
- Enhanced public perception and fostered positive relationships to strengthen our overall presence as an organization leading to a 20% growth in membership

PROJECT EXPERIENCE

Rabcycle

February 2025

- Developed an image classification model using TensorFlow (Python) to identify recyclable materials through dataset processing and model training
- Designed a rabbit-themed frontend developed through Swift, integrating CoreML for on-device inference

NewsAPI Fetcher

April 2025

- Developed a simple news API fetcher using Flask for the backend and React for the frontend
- Displays three top articles from the latest news sources around the world