TIFFANY CHEUNG

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EDUCATION

University of Virginia - Charlottesville, VA *May 2025*

B.A. Majors in <u>Computer Science</u> and <u>Cognitive Neuroscience</u>, Minor in <u>Engineering Business</u>

> **Echols Scholar**: Awarded to 5% of an incoming class

> **Relevant Coursework**: Project and Product Management, Human-Computer Interaction in Software Development, Business Fundamentals, Discrete Math and Theory, Data Structures and Algorithms, Computer Systems and Organization, Software Development Essentials, Software Testing, Introduction to Cybersecurity, and Commercial Law

Lord Fairfax Community College - Warrenton, VA *June 2021*

Associate of Applied Science, Associate of Arts and Science General Studies*

> GPA*:* 4.0, Summa Cum Laude, President's List: 2019-2021

SKILLS

Programming Languages: Javascript, HTML/CSS, TypeScript, Python, Java, MATLAB, SQL, C/C++, x86-64 Assembly

Frameworks & Libraries: React, Tailwind CSS, Next.js, Shadcn UI, Vite, JavaFX, JUnit, Selenium

Tools: Git, Gradle, Figma, Visual Studio Code, Eclipse, IntelliJ, PyCharm, LaTeX, TEMS Investigation, Node.js

Certifications: Deloitte Australia Technology Certification, Goldman Sachs Software Engineering Certification, Product Management Basics Certification, Siemens Mobility Project Manager Certification, BCG Strategy Consulting Certification, Accenture Product Design Certification, Pre-Allied Health Career Studies, Virginia Governor's School for the Arts

EXPERIENCE

Leidos - Reston, VA *May 2024 - Present*
Systems Engineering Intern (Public Trust)

- Provided engineering support for DHS Priority Services for national security and emergency preparedness by testing and measuring the level of congestion in WPS and GETS calls through Live Network Congestion Testing
- Identified and reported anomalies in test data to 4 service providers to improve performance and ensure high availability
- Designed a test plan to investigate the feasibility of using Python scripting to perform Priority Messaging Service Testing for InfoVista's TEMS Investigation to improve efficiency and accuracy in test execution
- Consolidated research from over 60+ sources on emerging trends and the deployment of artificial intelligence in mobile devices, providing insights that guide strategic decision-making and drive future innovation initiatives

UVA Echols Mentorship Program - Charlottesville, VA *July 2023 - Present*
Echols Mentor

- Guided more than 50 incoming scholars by providing detailed insights and support to ease their transition to college
- Mentored and supported 3 scholars by providing advising, facilitating academic placement, and sharing resources

Target - Winchester, VA *July 2022 - Aug. 2023*
Team Member

- Trained over five employees simultaneously while effectively managing customer transactions to deliver exceptional service
- Conducted comprehensive training sessions for employees on the latest technological advancements and product offerings
- Assisted with accurate sales reporting, inventory management, restocking merchandise, and handling cash transactions

EXTRACURRICULARS

alpha Kappa Delta Phi *April 2023 - Present*
Fundraising chair & Public Relations chair

- Managed and organized the planning, execution, and monitoring of multiple fundraisers, raising approximately $3,000 for our philanthropy by optimizing timelines, schedules, and resources for successful outcomes
- Developed and managed public relations to engage audiences through traditional and digital media, effectively utilizing these efforts to recruit new members

Girls Who Code *January 2023 - Present*

- Contributed to an organization focused on empowering women and addressing barriers in the tech industry due to resource inequality, race, and gender biases by supporting initiatives and engaging in advocacy efforts

PROJECTS

Website Portfolio (https://tiffanycheung.vercel.app) | *Javascript, HTML, Next.js, Tailwind CSS*

- Developed a responsive portfolio website utilizing React.js, Next.js, Tailwind CSS, and Shadcn UI to effectively showcase web design and development skills