TIFFANY CHEUNG

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EDUCATION

University of Virginia - Charlottesville, VA   *Expected May 2025*

*B.A. Majors in **Computer Science** and **Cognitive Science**, Minor in **Engineering Business***

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

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

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

Project Management Methodologies: Agile, Scrum, Waterfall, Kanban, PERT, Critical Path Analysis

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

- Supported DHS Priority Services SETA in enhancing national security and emergency preparedness by executing Live Network Congestion Testing and analyzing call congestion metrics for WPS and GETS systems
- Collaborated with multiple service providers to identify anomalies, providing data-driven insights to drive system performance improvements and ensuring high availability
- Developed a comprehensive test plan utilizing Python scripting for Priority Messaging Service Testing in InfoVista's TEMS Investigation, aiming to improve efficiency and accuracy in testing processes
- Conducted research on emerging trends in artificial intelligence and machine learning, delivering key insights to inform strategic planning and innovation

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

- Guided over 50 incoming scholars, providing academic support, advising, and sharing resources to ease their transition into university life
- Mentored and supported 3 scholars by providing advising, facilitating academic placement, and sharing resources

Target | *Team Member - Winchester, VA*   *July 2022 - August 2023*

- Trained new employees while overseeing customer service operations, improving efficiency and customer satisfaction
- Managed sales reporting, inventory, and cash handling processes, contributing to store performance improvement

Millbrook High School | *Calculus and Statistics Tutor - Winchester, VA*   *August 2020 - July 2021*

- Tutored over 60 students in Calculus I & II and Statistics I, enhancing their understanding of complex mathematical concepts

PROJECTS

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

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

Redesign of UVA's Healthy Hoos Patient Portal | *UX/UI Designer*

- Led a team of 3 to redesign UVA's Healthy Hoos portal, guiding the full design lifecycle from user research to low- and high-fidelity prototyping, and incorporating usability evaluations to enhance the portal's interface and overall user experience

HooEats - Robotic Food Delivery App | *Scrum Master*

- Led agile practices in the ideation, development, testing, and presentation of HooEats, a robotic food delivery app for UVA that addresses late-night dining needs for students
- Managed product backlogs and facilitated user research, project charter creation, customer analysis, and iterative prototyping to ensure a successful product launch

EXTRACURRICULARS

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

- Organized the planning and execution of multiple fundraisers, raising $4,000 for our philanthropy by streamlining timelines, optimizing resources, and ensuring cross-functional coordination for successful outcomes
- Strategically developed and implemented public relations campaigns across traditional and digital media platforms, enhancing audience engagement and driving new member recruitment