

# Emily J. Yang

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## Education

### Stanford University

Stanford, CA

M.S. in Computer Science (GPA: 3.70/4.00)

Expected June 2022

- *Coursework:* Computer Organization & Systems, Introduction to HCI, Android Programming, Algorithms

### Courses taken to transition into Master's

Completed online across 4 degree-granting universities

July 2019 – May 2020

- *Coursework:* Foundations of Software Development, C++, Discrete Math, Linear Algebra

### University of Maryland, College Park – Robert H. Smith School of Business

College Park, MD

B.S. in Information Systems and Finance, *summa cum laude* (GPA: 3.99/4.00)

May 2018

- *Scholarships:* President's Scholarship (August 2014 – May 2018)
- *Coursework:* Systems Analysis & Design, Object-Oriented Programming (Python), Database Systems

## Projects

### IvyHacks – Moovie

October 2020

- Designed an iOS application that allows users to categorize Netflix programs based on watch history and identifies shows mutual between the user and their social circle (“Tinder but Netflix”)
- Created an interactive Figma prototype, product branding, visual design, and product logo
- Coordinated video calls to accommodate various time zones, facilitated team discussions & project organization

### Capstone Project – Smith Global ScholarTrack

August 2017 – December 2017

- Developed a website with HTML/CSS, PHP, and SQL that recorded details of over 130 scholarship recipients within the Office of Global Initiatives, generated announcements, and tracked scholarship requirements

## Skills

**Languages:** Python, C, C++, x86 Assembly, Java, Kotlin, HTML/CSS, VBA, SQL, PHP

**Frameworks:** React Native

**Operating Systems:** Linux, macOS

**Software:** Figma, Photoshop, Illustrator, Tableau, LaTeX, Android Studio

## Work Experience

### Deloitte

New York, NY

Technology Risk Senior Consultant – Internal Audit & Assurance

July 2020 – August 2020

Technology Risk Consultant – Internal Audit & Assurance

August 2018 – July 2020

- Compiled, inspected, and documented evidence from 15 clients across 8 industries for IT controls testing in over 75 applications, 6 databases, and 4 operating systems to ensure SOX regulations compliance
- Assessed and diagnosed a client's current cyber security readiness using the NIST Cybersecurity Framework, and identified additional solutions to prevent, detect, and respond to potential cyber attacks
- Oversaw project testing progress for 3 engagements and fostered communications between team and clients

### Robert H. Smith School of Business, University of Maryland

College Park, MD

Teaching Assistant

August 2015 – May 2018

- TA for Designing Applications for Business Analytics in VBA; Linear Statistical Models; Business Statistics
- Taught and hosted weekly office hours for inquiries related to VBA and statistical concepts to over 100 students
- Graded & delivered assignment feedback for over 100 students each semester, and facilitated discussion labs

## Honors & Programs

- *Honors:* Outstanding Senior in Information Systems (May 2018), Phi Kappa Phi (honor society), Omicron Delta Kappa (leadership honor society), University Honors (April 2016)
- *Programs:* IT & Business Transformation Fellows (August 2016 – May 2017); Hinman CEOs (August 2016 – May 2017); Private Equity & Venture Capital Fellows (August 2016 – January 2017)

## Additional Information

**Languages:** English (Native); Mandarin Chinese (Conversational)

**Hobbies:** Wushu (Chinese martial arts); Volleyball; Art (traditional mediums, digital art, handicrafts)