

ANNA ZHANG

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EDUCATION

Vanderbilt University – GPA: 3.85/4.0

Expected Graduation: May 2022

- B.A. in **Economics; Computer Science**
- Selected Coursework: Programming Design & Data Structures, Algorithms, Programming & Problem Solving, Discrete Structures, Multivariable Calculus, Econometrics, Economic Statistics

Technical Skills: Java, Python, C++, HTML, CSS, R

Achievements: Lime Connect Fellow, Dean's List, National Merit Scholar, National AP Scholar

EXPERIENCE

Microsoft – **Program Manager Intern**

May 2020 – Aug 2020

- Created a centralized security dashboard resulting in a 400% decline in overdue critical security bugs.
- Developed automated workflows for security alerts, saving 12 hrs of work/week for the security team.
- Researched and established a process for evaluating the efficiency of static analysis security rules.

Juni Learning – **Computer Science Instructor**

May 2019 – Aug 2019

- Taught students programming and problem solving skills in Python through personalized lessons.
- Developed supplementary coding projects and designed changes to the existing Python curriculum.

Phone2Action – **Software Engineering Intern**

Jul 2018 – Aug 2018

- Created improvements to a customer product ("live map") using CSS, HTML, Github, + Mapbox.
- Increased maximum storage of map datapoints from 500 to 10,000 through backend improvements.
- Fixed multiple high-priority usability issues of the product through collaboration with the UI/UX team.

Georgetown University Lombardi Cancer Center – **Research Assistant**

Jun 2017 – Aug 2017

- Converted 500+ cancer cell slides into processable images to use as data in the cancer cell study.
- Analyzed cell image data to study the effect of immune cell count on cancer severity using Java.

LEADERSHIP

VandyHacks – **Senior Advisor**, former Logistics Board member

Jan 2018 – Present

- Organize and direct VandyHacks, a 36 hour collaborative coding challenge for students across the US.
- Plan the venue, food, & transportation for 600+ attendees using \$80,000+ in sponsorship funds.
- Promote a culture of innovation in the Vanderbilt community through mentorship and coding events.

Mctyeire International House – **International Hall Resident**

Aug 2019 – Present

- Discuss international politics and foreign affairs with professors and graduate students, 4x every week.
- Write articles highlighting key events from the world news to reference during dinner discussion.

Undergraduate Chinese Association – **Initiatives Director**

Aug 2019 – Present

- Led educational advocacy campaign about the intersection of Asian and Black identities in the US.
- Generate interest in club activities through targeted paper and digital advertising.

Vanderbilt Performing Arts Community – **Director of Outreach**

Jan 2018 – May 2020

- Oversaw auditions, practice, and performance scheduling for 28 performing arts groups on campus.
- Directed semi-annual arts showcases, with 90+ attendees and \$2000+ raised for charity in 2019.