

ANNA ZHANG

571-581-4748 | z.annaw19@gmail.com | azhang.org

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

Program Manager Intern | Microsoft

May 2020 – Aug. 2020

- Researched, developed, and launched a security dashboard for internal usage, resulting in a 400% decline in overdue critical security bugs 2 weeks after the dashboard's deployment.
- Developed automated notification workflows, saving 12 hrs of work per week for the security PM team.
- Researched and established a process for evaluating the efficacy of static analysis security rules.

Computer Science Instructor | Juni Learning

May 2019 – Aug. 2019

- Taught 7 students programming and problem solving skills in Python through personalized lessons.
- Developed 3 supplementary coding projects and designed changes to the existing Python curriculum.

Software Engineering Intern | Phone2Action

Jul. 2018 – Aug. 2018

- Completely redesigned and rebuilt a customer product ("live map") with HTML/CSS and the Mapbox API.
- Increased maximum storage of map data points from 500 to 10,000 through back end improvements.
- Fixed 5+ high-priority usability issues of the product through collaboration with the UI/UX team.

Research Assistant | Georgetown University Lombardi Cancer Center

Jul. 2017 – Aug. 2017

- Converted 500+ cancer cell slides into processable images to using Java to study the effect of immune cell count on cancer severity.

LEADERSHIP

VandyHacks | Lead Hackathon Organizer and Advisor

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.
- Developed the main website for VandyHacks VI using Gatsby.js and HTML/CSS.

Percentage Project | Vanderbilt Campus Director

Aug. 2020 – Present

- Raise awareness about minority representation in computer science through a collaborative social media movement across 9 different universities.
- Conduct surveys to find and address disparities faced by minorities within computer science.

Undergraduate Chinese Association | Initiatives Director

Aug. 2019 – Present

- Lead an 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 | Outreach Director

Jan. 2018 – May 2020

- Oversaw the 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.