Yujie **Tao**

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Education

University of North Carolina at Chapel Hill
Chapel Hill, NC

B.S. in Computer Science, major GPA: 3.85, Dean's List all semesters
Aug. 2016 - now

- Featured CS course works: Machine Learning, Operating Systems, Files and Database, Probability, Linear Algebra, Data Structures.
- Featured independent course works: Advanced Topics in Human-Computer Interaction (UW CSE 510), Human-Computer Interaction Seminar Series (Stanford CS547).

UNC Hussman School of Journalism and Media
Chapel Hill, NC

B. A. in Media and Journalism (Advertising concentration), major GPA:3.79
Aug. 2016 - now

- Featured Hussman course works: Emerging Technology in VR /AR, UX Design&Engagement, Interactive Multimedia, Big Data and Media Analytics, Market Intelligence.

Research Experience

UNC Graphics and Virtual Reality Group
Chapel Hill, NC

Undergraduate Research Assistant
Aug. 2018 - now

- Advised by Professor Henry Fuchs and Ph.D candidates Praneeth Chakravarthula and Xinran Lu.
- Get involved in eye tracking project, in which we explore ways to better estimate depth of where the user is looking at. Setup eye glasses hardwares to collect eye image data.
- Past project: Glaucoma detection in VR. Conducted literature research and created scenes in Unity3D to implement visual field test in VR.
- Tools used: Raspberry pi electronics, Python, C#, Unity3D.

Work Experience

Microsoft
Redmond, WA

Program Manager Intern, M365 Security
May. 2019 - Aug. 2019

- Data center security; proposed and led vision of insider threat detections.
- Conducted qualitative research and data analysis to define requirements.
- Drive end-to-end implementation of three detection logics with high-accuracy alerting mechanisms.
- Established triage collaboration with four teams across three organizations.

Microsoft
Beijing, China

Program Manager Intern, Bing News
June. 2018 - Aug. 2018

- Incubation project; managed a blockchain content ecosystem product.
- Conducted market research, proposed and prototyped for the product integration with Bing search.
- Collaborated with developers, designers, and legal to realize V1 features.
- Developed an internal software in C# that helps pipeline data labeling process.

BeAM Makerspace
Chapel Hill, NC

Student Program Assistant
Aug. 2017 - Dec. 2017

- Staffed at three BeAM maker spaces, which are open studios equipped with digital fabrication tools for prototyping at UNC campus.
- Led group training on safety and procedures for operating 3D printers, laser cutters, vinyl cutters, and wood shop.
- Provided consultation for users' technical, design and construction questions, including Adobe Suite, Autodesk Fusion 360 and Ultimaker Cura.

McCANN
Shanghai, China

Account Executive Intern
May. 2017 - July. 2017

- Healthcare team. Clients: Johnson&Johnson, Baxter, Lilly, Cedars-Sinai, Gilead Sciences.
- Acted as liaison with internal teams and clients, driving strategy and creative development.
- Established working schedules for campaigns with production teams.

Projects

Bedside Pharmacy App for Drug Reference
Chapel Hill, NC

Software Engineer
Jan. 2019 - May. 2019

- Developed a drug reference mobile app for trauma doctors at UNC Bedside Pharmacy to make the acute decisions in ICU.
- Communicated with clients and led full software development cycle, including specification, platform selection, development and testing.
- Architecture: Front-end: React Native, Backend: Firebase, Google Apps Script.

Microsoft One Week Hackathon

Beijing, China

SOFTWARE ENGINEER

June. 2018

- Participated in corporate Hackathon during my summer internship at Microsoft.
- Developed a news product prototype that integrates user experience, text summarization, and speech recognition.

Red Ventures Marketplace Build Case Competition

Chapel Hill, NC

FRONT-END DEVELOPER, UI/UX DESIGNER

Feb. 2018 - Mar. 2018

- Developed a web app that interacts with provided API to fetch, display, and market credit cards.
- Overall architecture: Front-end: Vue.js, Bootstrap; Back-end: Ruby; Analytics: Google Analytics.

Sublet My Room

Chapel Hill, NC

MEMBER

Jan. 2018 - May. 2018

- Worked in a pre-startup environment and built a product to make student sublet simple.
- Conducted market research and interviews to understand user needs.
- Determined product functionalities and designed functionality map.
- Prototyped in Axure RP and tested the demo and developed a minimal viable product.

Extracurricular Activity

Pearl Hacks

Chapel Hill, NC

MARKETING VP

Aug. 2018 - now

- Pearl Hacks is for underrepresented students to explore technology. As the marketing VP, I direct overall marketing and propose marketing strategy, which includes UNC Marketing, External Marketing, Graphics and Website. I also drive executive board restructuring and branding for long-term planning.

UNC Product Management Club

Chapel Hill, NC

FOUNDER

Apr. 2019 - now

- I launched Product Management Club with the vision of builidng a product community at UNC. Through gathering initial interest, I achieved 100+ signups for mailing list in 10 days. We currently host weekly events for members, which includes PM Lab and invited talks.

Honors & Awards

2019	**Scholar**, Grace Hopper Conference	*Orlando, Florida*
2019	**Fellow**, Rewriting the Code	*National*
2019	**Recipient**, Don and Barbara Curtis Excellence Fund	*Chapel Hill, NC*
2019	**Scholar**, BlackHat Conference	*Las Vegas, NV*