DAQI (JEN) CHEN

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EDUCATION

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
GPA (out of 4): 3.7
Coursework: Microeconomics, Data Structure (Java), Linear Algebra, Global Healthcare Management, Design Patterns (Java), System Programming (C), Analysis Methods (R), Guided Research in Business
*Current: Consulting Skills and Framework, Computer Organization (C)

COMPUTER SCIENCE B.S.
STATISTICS & OPERATION RESEARCH B.S.
August 2019 - December 2022

INTERNSHIPS / WORK EXPERIENCE

UNC-CH Gillings School of Public Health | Undergraduate Research Assistant — May 2020 - Present
- Devised **an interactive dashboard for 30+ R and Python packages** to save statisticians time.
- Researched and evaluated **50+ matrix data integration packages** for analyzing omic datasets.
- Assisted research teams with **logistics**, **linear regression modeling**, and **data visualization in R**.

CS + Social Good | Projects Team — August 2020 - Present
- Developed collectively the **portal for 500+ undergraduate students** at UNC CS Department.
- Utilized **React components** and **External API through Airtable** to display past YouTube Webinars.
- Collaborated through **GitHub** and conducted periodic code reviews.

GOLeafe | Web Design Intern — February 2020 - October 2020
- Increased company's website traffic by **2,000+ over the course of 4 months**.
- Improved user experience using customized **CSS3, HTML5**. (goleafe.com)

SKILLS

- **Programming:** Java, Python, C, JavaScript, HTML/CSS, Unix/Linux
- **Data Analysis:** R, Power BI, Tableau, Google Data Studio, MS Excel
- **Languages:** Mandarin (native), English (fluent)

PROJECTS

Hackathon Project | *"And That's On PERIOD!"*
- Built an interactive website to teach little girls about their body with **Bootstrap, HTML, JS and CSS.**
- Winner of **"Women Empowerment" by GWC@UVA; "Best Domain" by MLH;** honorable mention for **"Best Overall."** (github/youtube)

Google App Script | Personal Projects
- Fetched, parsed and displayed **JSON**-format COVID-19 data from **REST APIs**. (github)
- Built an auto-submitting Google Form with data from Google Sheets in **JavaScript**. (github)
- Created a **customized function** as a **Menu Add-on** for Google Sheets. (github)

Audit Analytics Case Study | Guided Research in Business
- Applied **regression modeling** techniques to **forecast business growth**.
- Secured **1st Rank** in presenting tax strategies to **judges from Ernst & Young** as company stakeholders. (Tableau dashboard)

EXTRACURRICULAR / LEADERSHIP

- **Duke - UNC China Leadership Summit 2021** | Executive Team
  Planned a virtual conference of **100+ delegates** and allocated funds from student government entities.

- **Carolina Mock Trial** | Team Captain
  Selected to compete in University-level tournaments, learned litigation techniques, and developed case theories.

- **Public Health 360** | Web Developer
  Created organization's **electronic mailing list**, promoted UNC's first public-health focused student club. (publichealth360.wixsite.com)

- **Girls Who Code** | Activities Committee Member
  Volunteered to create course materials in **Python**, partook in the movement to close gender gap in STEM.

- **UNC American Model World Health Organization (AMWHO)** | Dais Committee/Moderator
  Led committee sessions throughout week-long conference and drafted 2021 AMWHO theme briefs for delegates.