

# Alexander Ho

alx00ho@outlook.com

+1 (704) 310-9539

<https://www.linkedin.com/in/alx00ho/>

<https://github.com/alx00ho>

## EDUCATION

### UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

May 2022

Bachelor of Science in Computer Science, Music Minor: GPA: 3.52

Relevant Coursework: Typescript, Java, OOP, Data Models, Data Structures, Computer Organization, Algorithms, Web

Development, Files & Databases, Software Engineering Lab, Operating Systems, Computational Photography, Computer Ethics

Dean's List: Fall 2018, 2021 and Spring 2019, 2022

## DEVELOPMENT EXPERIENCE

### ANCIENT PATH ADVENTURES

August 2021 - December 2021

#### Software Developer

- Established the foundation of the game's website with 3 structured tiers of varied account access for the end user
- Delegated tasks amongst the team members and documented progress through a Trello board; identified 5 defects through weekly refinement sessions, solved with solutions to improve process flow
- Designed teacher accounts with ability to create classes and assign provided/personal modules which are all Firebase-stored
- Served as Design Lead by organizing the layout of the accompanying website for the game *Promised Land Journey* utilizing React and Redux Toolkit in Visual Studio Code
- Increased the responsiveness of the website view for mobile devices
- Introduced account security via Google Authentication, greatly increasing the safety of users' information

## SKILLS

- **Programming Languages:** Java, C, MATLAB, MIPS, R, Typescript, Javascript, HTML, CSS, SQL, Python
- **Tools & Software:** Visual Studio Code, Eclipse, Redux Toolkit, React, Git, GitHub, RStudio, JupyterNotebook, jQuery, PyCharm, MATLAB, MySQL, MS Office, IntelliJ, MARS, Node.js, npm, Figma, Angular, Vim, Docker, Ubuntu, Electron, yarn, expo, React Native, Firebase, MongoDB, JSON Web Token (JWT)
- **Tutor:** Java, C, and MIPS
- **Certifications:** Responsive Web Design

## PROJECTS

- Rocket League Statistics
- Promised Land Journey

## EXTRACURRICULARS

### TEA HILL

August 2022 - Present

#### Team Leader

- Delegated responsibilities to other employees to prepare boba, teas, purees, and other ingredients to maximize freshness throughout operating hours
- Memorized 50+ recipes in order to replicate drinks efficiently in the highest quality for all customers

## LEADERSHIP AND COMMUNITY INVOLVEMENT

### MISTER VIETNAM OF THE CAROLINAS

August 2022 - Present

#### Coordinator

- Prepared bi-weekly practices for contestants by scheduling, obtaining lunch, and providing transportation
- Mentored contestants and received feedback from the community to better the pageant for next year

### UNC ESPORTS

August 2019 - May 2022

#### Officer & Varsity Captain

- Organized online weekly events throughout semesters and created a safe space for members to connect with each other
- Successfully executed 10 public tournaments with 20+ people in collaboration with UNC Esports Club and UNC Campus Recreation