RYAN CHHONG

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EXPERIENCE

Competitions Coordinator
Computer Science Organization

📅 2018 – 2019

- Organized and planned a fall hackathon.
- Taught classes pertaining to algorithms and web development.
- Coordinated practices and arranged transportation for algorithm competitions and hackathons.

Technical Team Member
Freetail Hackers

📅 2020 – Ongoing

- Assisted with the logistics behind LeapHacks and HackTX, the largest hackathon in Texas.
- Wrote mobile and web applications to assist sponsors, organizers, and attendees of HackTX.
- Hosted a workshop to teach others how to implement authentication.

PROJECTS

SnapPack
https://github.com/InfernalHydra/SnapPack

📅 2019

- Built for HackTX 2019, won best use of Google Cloud Services.
- Created a mobile app to help travelers pack by creating a checklist utilizing Google Cloud Vision.
- Built using: **React Native, Flask**

Forward Tutoring
https://github.com/garrettgu10/forward-tutoring

📅 2017-2019

- A 501(c)3 non-profit for online tutoring.
- Made massive improvements and changes in the back-end infrastructure to support new features, such as multiple shifts.
- Added many user-requested features, such as filters and improved administrative features.
- Built using: **React, Meteor**

Beehive Survey
https://github.com/InfernalHydra/Survey

📅 2020

- Built a editable survey for visitors to fill out
- Implemented rudimentary contact tracing with alerts
- Created a role-based authentication system to restrict editing permissions and access to the surveys
- Built using: **React, Firebase**

EDUCATION

B.S. Computer Science
University of Texas at Austin

📅 May 2022

- GPA: 3.95 (3.97 Overall)
- Relevant Coursework: Data Structures, Operating Systems, Computer Architecture, Probability, Discrete Math, Linear Algebra

SKILLS

- Proficient in JavaScript, Java, C++/C
- Familiar with HTML/CSS, Python 3, SASS, MongoDB, LaTeX
- Frameworks - React, Node, Express, React Native
- Hobbies - Ricing, Mechanical Keyboards, Music

EXTRACURRICULARS

Reservations Coordinator
ATX Scioly

📅 2019 – Ongoing

- Wrote and proctored multiple exams related to Python, statistics, circuit analysis, digital logic, electricity, and magnetism.
- Coordinated with college administration to secure rooms for the club and the tournaments.
- Assisted with the logistics behind the largest Science Olympiad tournament in Texas.

ACHIEVEMENTS

Hack TX 2019 Winner
Won best use of Google Cloud Services

Jennie and Carl Sundberg Scholarship
Awarded scholarship from UT Austin's College of Natural Sciences