

Steven Chung

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Education

Rice University

Houston, TX

B.A. IN COMPUTER SCIENCE, MINOR IN STATISTICS

Aug. 2018 - May 2022

- GPA: 3.6/4.0
- Relevant Coursework: Algorithms and Data Structures, Program Design, Reasoning About Algorithms, Tools and Models for Data Science, Object-oriented Programming, Computer Systems, Linear Regression

Experience and Projects

CaseCtrl

Houston, TX

SOFTWARE INTERN

May. 2020 - Aug. 2020

- Helped build CaseCtrl, a web application that streamlines the process of surgery scheduling by automating tedious paperwork.
- Contributed to the front-end, back-end, and database logic of the application, which was created as an ASP.NET Core API (HTML/CSS, JS, C#, SQL, Entity Framework).
- Released a working application under trial by Houston Methodist Hospital surgeons and case schedulers.
- CaseCtrl was featured at the OnRamp Healthcare Conference, beating out over 500 other medical startups.

Kopis Mobile

Flowood, MS

SOFTWARE INTERN

Aug. 2020 - Present

- Working with the Kopis Safe team to build BASE and SCOUT, two applications used to store and perform security assessments for large venues.
- Using React.js to build features and AWS Amplify for front-end environment deployment.

Intruder

Houston, TX

PROGRAMMER, WRITER, ART AND SOUND DESIGNER

May. 2020 - Present

- Intruder is a 2D puzzle platformer featuring original stories, graphics, and animations.
- Wrote main game logic with another teammate using the Pygame library and Pymunk physics engine.
- Wrote the screenplay, designed graphics and animations, and composed an original soundtrack for the game.
- Released a demo on Github, in process of converting the game to run under the Unity engine.

Chat Application

Houston, TX

SOFTWARE DESIGN PROJECT

Apr. 2020

- Worked with classmates to build a message-based API for an MVC-architecture chat application.
- Implemented features in the API to deal with data transfer issues such as synchronicity and stale data.
- Completed working application in Java that can communicate with other chat apps on the Rice U network.

Activities

Rice Taiwanese Association

Houston, TX

TREASURER

Sept. 2019 - May. 2020

- Managed all club funds over the 2019-2020 school year.
- Applied for >\$1500 in funding for the club's cultural events, which garnered hundreds of attendees.

Rice Hackathon

Houston, TX

PLANNING COMMITTEE

Jan. 2019 - May. 2019

- Planned competition events with other members for campus-wide HackRice hackathon, which is attended by hundreds each semester.
- Helped write tracks for beginner and fintech competitive categories.

Skills

Programming Languages:

- Experience: Python, Java, C#, HTML, CSS, JavaScript
- Exposure: Node.js, React.js, React Native, SQL, C

Tools: Git, Docker, AWS, Android Studio, Unity, Blender, ASP.NET Core, Entity Framework

Interests: Writing, Art, Music Composition, Basketball