

Steven Chung

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Education

Rice University

Houston, TX

BACHELOR'S IN COMPUTER SCIENCE, STATISTICS MINOR

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 and back-end of the application, which was created as an ASP.NET Core API (HTML/CSS, JS, C#, PostgreSQL, Entity Framework).
- Released a working application under trial by Houston Methodist Hospital surgeons and case schedulers.
- CaseCtrl was featured in 2020's Top 100 Startups at the 8th Startup of the Year Summit.

Kopis Mobile

Flowood, MS

SOFTWARE INTERN

Aug. 2020 - Present

- Worked on BASE and SCOUT, two applications used to store and perform security assessments for large venues.
- Used React to build front-end features and perform API calls/CRUD operations, and wrote styles for converting BASE to a mobile-friendly viewport.
- Used AWS DynamoDB and GraphQL for serverless backend operations, and wrote code for user authentication with AWS Lambda using Node.

Intruder

Houston, TX

PROGRAMMER, WRITER, ART AND SOUND DESIGNER

Jun. 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, which can send text, images, and even other programs built in Java Swing.
- Completed working app in Java that can communicate with other chat apps on the Rice University network.

Activities

Rice Taiwanese Association

Houston, TX

TREASURER

Sept. 2019 - Apr. 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 - Apr. 2019

- Helped write beginner and fintech competitive tracks for campus-wide HackRice event, which is attended by hundreds of people each semester.

Skills

Programming Languages:

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

Tools: Git, Docker, AWS, CI/CD, E2E Testing, Unity, Blender, ASP.NET Core

Interests: Writing, Art, Music Composition, Basketball