

Steven Chung

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Education

Rice University

Houston, TX

BACHELOR'S IN COMPUTER SCIENCE, STATISTICS MINOR

Aug. 2018 - May 2022

- GPA: 3.61/4.00
- 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

Kopis Mobile

Flowood, MS

SOFTWARE INTERN

Aug. 2020 - Apr. 2021

- Worked on improving the UI/UX for venue security assessment applications (BASE and SCOUT) using the AWS Amplify framework (ReactJS, SCSS).
- Wrote CSS to convert the BASE application and part of SCOUT to a mobile viewport.
- Wrote code for backend with GraphQL, and user authentication with AWS Lambda.
- Created a JavaFX program to optimize the startup and configuration process of a lean services network.

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 with ASP.NET Core stack (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.

SWIM

PROJECT LEAD, DESIGNER, PROGRAMMER

- Led the game design and project management (team of 3) for *Swim*, a 2D puzzle-platforming game.
- Wrote C# gameplay/debug scripts, created original graphical assets (sprites, animations, particle effects), and built project in the Unity engine.
- Composed a soundtrack for the game.

Chat Application

SOFTWARE DESIGN PROJECT

- Worked with classmates to build an API for an MVC-architecture chat application, which can send text, images, and even other simple GUIs 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.
- Obtained over \$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/JS, React.js
- Exposure: Node.js, SQL, GraphQL, C

Tools: Git, AWS, Unity, Blender, Cypress, Gatsby

Interests: Writing, Digital Art, Website/Interface Design, Music, Basketball