

David Cai

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Education

Rice University, Houston TX

May 2019

3.86 GPA, Candidate for Bachelor of Science in Computer Science

Relevant Coursework: Intro. to Computer Systems, Principles of Parallel Programming, Intro. to Program Design, Intro. to Computer Engineering, Algorithmic Thinking, Intro. to Engineering Design

Experience

Bike (app)

July-Aug 2016

Independent Developer

- Designed and developed an app for iOS (Swift) and Android (Java) to facilitate and improve the organization of the training of the Will Rice Bike Team through, for example, shared scheduling of group rides.
- Implemented beta testing of the app to a limited audience in order to refine the user experience towards a Spring 2017 launch.

The Doerr Institute For New Leaders

Aug 2015-Present

Web Developer and Social Media Assistant

- Developing and maintaining the Doerr Institute's website using Drupal, to manage their web presence as the institute grows and establishes itself within the Rice community.
- Creating, discovering, and curating relevant materials to promote interest in the Doerr Institute among Rice students and alumni.

Office of Information Technology, Rice University

Aug 2015-Present

Student Computing Consultant

- Troubleshooting, repairing and resolving technical issues with students' personal technology through effective communication with clients.
- Advising users regarding best practices and technology-related decisions to encourage safe and productive usage of technology.

Hackathons Attended

MLH Prime Southwest, Interface with Jibo using Leap Motion

Nov 2016

3 Day Startup, Marketplace for custom art

Nov 2016

HackRice Hackathon, Social platform for ride sharing

Oct 2016

HackRice Hackathon, SSH over SMS client

Jan 2016

Skills

Coding Languages: Python, Java, Swift, HTML/CSS

Operating Systems: macOS, Windows, iOS, and Android

Software: xCode, Android Studio, Pixelmator

Spoken Languages: English, Chinese (Mandarin)

Activities and Awards

Gateway Study of Leadership, Fellow

Aug 2016-Present

Will Rice College Bike Team, Captain

Aug 2016-Present

Rice Program Council, Publicity Team Member

Aug 2015-May 2016

HackRice Hackathon, Best First Time Hacker

Jan 2016