

# William Su

SOFTWARE ENGINEER · EXPLORER · PHILOMATH

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## Skills

**Programming** Python · Java · C · Latex · Bash  
**Data / ML** MySQL · Keras · Pandas · Numpy · SciKit-Learn · GraphQL  
**DevOps** Git · AWS · Docker · Apache Nifi ·  
**Web Dev** React · MobX · HTML5 · CSS · Javascript  
**Languages** English · Mandarin · Taiwanese

## Experience

### Expero Inc.

Houston, United States

SOFTWARE ENGINEERING INTERN

May 2019 - Current

- Implemented a military cooperation system which is web based real time messenger in Scala on Lift.
- Improved functionality on military command and control system for incident response with Java Servlet.
- Lead engineer on agent-less backtracking system that can discover client device's fingerprint(including public and private IP) independently of the Proxy, VPN and NAT.

### Hedwig

Houston, USA

SOFTWARE DEVELOPER

Aug 2018 - May 2019

- Developed in Cocos2d-x an action puzzle game(Dragon Buster) targeting U.S. market. Implemented API server which is communicating with game client and In-App Store, along with two other team members who wrote the game logic, designed game graphics.
- Won the 2nd prize in final evaluation.

### Lam Research

Shanghai, China

DATA SCIENCE INTERN

June 2018 - Aug. 2018

- Developed in Cocos2d-x an action puzzle game(Dragon Buster) targeting U.S. market. Implemented API server which is communicating with game client and In-App Store, along with two other team members who wrote the game logic, designed game graphics.
- Won the 2nd prize in final evaluation.

### TEDx

Shanghai, China

STUDENT SPEAKER

March 2017

- Shared my meditation experiences in Nepal and Poland in front of an audience of 100

## Projects

### News Sentiment to Stock Prediction

Houston, United States

INDEPENDENT RESEARCHER

May 2019 - July 2019

- Perform sentiment on news to predict stock
- Perform sentiment on news to predict stock

### What's My Next Book?

Houston, United States

INDEPENDENT RESEARCHER

Oct. 2018 - Dec 2018

- Perform sentiment on news to predict stock
- Perform sentiment on news to predict stock

## Education

### Rice University

Houston, United States

B.A. AND MASTER OF COMPUTER SCIENCE

Aug. 2017 - Current

- Academic Fellow for COMP 215 Programming Design
- Rice Taiwanese Association Vice President
- Rice International Student Mentor