

CAROLINE SHI

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EDUCATION

University of Texas at Austin, Class of 2019
B.S. in Computer Science (CS GPA: **4.0/4.0**, Overall GPA: **3.94/4.0**)

COMPUTER SKILLS

Languages:

- *Proficient:* Java (Most experience), Swift, Python, HTML/CSS, Javascript
- *Familiar:* C, SQL, C#

EXPERIENCE

Blackbaud Inc. (Software Engineering Intern) May 2017 - August 2017

- Used **Apache Kafka**, transferred data from Kafka queue to **Elasticsearch**
- Used a JPA (**Hibernate**) to map objects to database tables
- Fixed various defects in Blackbaud's classic product involving SQL queries, HTML encoding, and JavaBeans
- Wrote integration and component tests in **Java** and **Groovy**

uShip Inc. (Software Development Intern) May 2016 - August 2016

- Created and improved reusable components with **React.js**
- Used **.NET Framework 4** to implement features such as Push Notifications, API and client-side user validation
- Used **Mercurial** and **Git** for version control, wrote unit tests, performed continuous deployment

SIDE PROJECTS

Watchpot (Received award for Best Hardware Hack) March 2017

- Built an iOS app controlling an IoT electric pot stirrer with attached thermocouples
- Programmed app to interact with a Particle Photon, allowing users to set the power of the stirs, the time interval between stirs, and the temperature at which stirring should begin

Democratic DJ January 2016

- Built a web app allowing users to create collaborative playlists through Spotify API
- Implemented back-end of web app using Node.js, Express, and MongoDB

Votebot December 2015

- Wrote a Python script using Requests, BeautifulSoup, and a proxy API to simulate voting on an online poll

Perooze November 2015

- Implemented an iOS App integrating the Tesseract OCR to search for words in physical documents (Available on the **iOS App Store**)

ORGANIZATIONS & LEADERSHIP

MAD (Mobile App Development) August 2015 - present

- **Teaching Assistant** for iOS workshops since September 2016

CodePath University January 2017 - May 2017

- **Teaching Assistant** for iOS bootcamp

Japan Bowl (Team Captain) August 2013 - June 2015

- Led Japanese language team to National Competition

AWARDS & INTERESTS

HackUTD 2017: Best Hardware Hack for Watchpot

uMAD Developer Conference 2016: Project Showcase Award for Perooze

HackTX 2015: Honorable Mention for Do-Dates

Foreign Languages: Fluent in Chinese and Japanese

Music: Plays piano, guitar, drums, clarinet, alto saxophone, and ukulele