

# YAN CHEN

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## EDUCATION

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**Boston University** | Boston, MA

Expected May 2022

Bachelor of Science in Computer Engineering

- GPA: 3.81/4.00
- Honors: Dean's List, Albert Shanker Scholarship

*Relevant Coursework:* Intro to Operating Systems

Cloud Computing

Intro to Machine Learning

Applied Algorithms

Intro to Software Engineering

Digital Logic Design

## SKILLS

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**Programming:** Python, C++, C, JavaScript, Java, HTML/CSS

**Tools:** Node.js, Express.js, Django, Flask, React.js, React Native, MongoDB, PostgreSQL, Firebase, Google Cloud Platform, Git

**Spoken Languages:** Chinese (Mandarin), English

## WORK EXPERIENCE

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**Open Water Accelerator** | New York, New York

June 2020 – Present

*Software Engineer Intern*

- Developed a cross-platform mobile App in **React Native** with **Firebase** database and authentication.
- Implemented more than 33% of the App's core features with **Google Cloud** APIs integration.

**Gridology Education & Technology Inc.** | New York, New York

May 2020 – Present

*Software Engineer Intern*

- Developed and maintained **RESTful** APIs in **Django**, updated APIs to streamline **PostgreSQL** migrations.
- Designed and implemented multiple web crawler scripts to allow automatic database updates of over 1000 records. Reduced web crawler runtimes by 90%.

**Hutyra Research Lab** | Boston University

Feb 2020 – May 2020

*Research Assistant*

- Designed and built a web visualization platform to manage and visualize sensor data in real time.
- Implemented **RESTful** APIs using **Node.js**, **Express**, **MongoDB** to provide user authentication and authorization for data management and access.
- Developed real time visualization charts using Chart.js, Socket.io, **HTML/CSS**, Bootstrap 4, and jQuery.

## TECHNICAL PROJECTS

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**Burger Builder** | Personal Project

July 2020

- Developed a real-time burger building web application using **React**, **Redux**, and **Firebase**.

**Yelp Camp** | Personal Project

Jan 2020

- Developed a review forum web application for campgrounds.
- Implemented RESTful routings, authentication and authorization by using **Node.js**, **Express**, **MongoDB**, **HTML**, **CSS**, and Bootstrap.

**Terrier Exchange** | Boston University

Dec 2019

- Designed and developed an online marketplace Android app for Boston University students to buy, rent, and sell textbooks using **Android Studio** and **Java**.
- Integrated backend using **Firebase** to provide user authentication, database, and storage.
- Collaborated in a team of 5 to program in Android Studio using Java and resolved technical difficulties.

## LEADERSHIP & ACTIVITIES

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Treasurer, **Global App Initiative** | Boston University

Sep 2019 – Present

Member, **Machine Intelligence Community** | Boston University

Sep 2019 – Present

Member, **Asian Student Union** | Boston University

Sep 2019 – Present