

# 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

*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, Firebase, Bootstrap, 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*

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

May 2020 – Present

*Software Engineer Intern*

**Hutyr 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 REST 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

**IT Help Center** | Boston University

Sep 2019 – Feb 2020

*Technical Consultant*

- Resolved computer software issues, remove malware, and troubleshoot problems for over 30,000 students, faculty, and staff

## TECHNICAL PROJECTS

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**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
- 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

**Sentithink** | HackMIT

Sep 2019

- Built a sentiment analysis web application that utilizes Natural Language Processing techniques to produce a heat map of a geographically large group of people in real time by using C# backend, D3.js, HTML and CSS
- Implemented an API to automate real time voice recording and database query using Python

## 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