


# Addison Chen

Experienced in web and mobile development. Completed coursework related to networks and computer systems.

Available May-Dec. 2021

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 [github.com/addisonchen](https://github.com/addisonchen)  
[addison-chen.com](https://addison-chen.com)

## WORK EXPERIENCE

### iOS Developer

**Bose Corporation** | Jul. 2020-Dec. 2020

- Developed front and backend components of a prototype iOS application.
- Analyzed user research and compared relevant existing applications.
- Learned SwiftUI and utilized audio/speech APIs.
- Involved in launch of noise-canceling software (PinPoint).
- Collaborated closely with the application and machine learning teams.
- Quickly learned new skills to adapt to a wide range of projects involving Python, EC2, S3, and TensorFlow.
- Developed a desktop-to-desktop test suite with a web-based report UI.
- Collected and prepped data for training the machine learning model based on test results.

### Website Designer

**In Memory of 6 Million** | Jan. 2020-Dec. 2020

- Redesigned and maintained website for charity concerts.
- Coordinated design and implementation ideas.
- Gained experienced communicating with a diverse team with many different professional backgrounds.

### Contractor

**The Resume Place** | Jun. 2014-Present

- Develop responsive web charts using HTML, CSS, and jQuery.
- Consult on graphic design and book content (book won four awards).
- Updated email marketing database, LinkedIn, Facebook, and Twitter.

## PROJECTS

### F1 Database

**Flask/MySQL** | 2020 | [github.com/addisonchen/f1database](https://github.com/addisonchen/f1database)

- Used MySQL to create a database including triggers and functions.
- Utilized Flask to develop a client application that handles CRUD operations.
- Included Twitter stats using the Twitter API and Tweepy.
- Visualized data for analysis through JavaScript charts.
- Learned how to manage and connect servers on both ends of the stack.
- Deployed using nginx and uwsgi ([addison-chen.com/f1database](https://addison-chen.com/f1database)).

### Personal Website

**React** | 2019-Present | [github.com/addisonchen/ReactSite](https://github.com/addisonchen/ReactSite)

- Develop a resume website to showcase skills in different fields.
- Gain experience in web-development and utilizing documentation.

### iOS Game

**Swift/SpriteKit** | 2018 | [github.com/addisonchen/Hexagon-Game](https://github.com/addisonchen/Hexagon-Game)

- Developed a dodge obstacles game based on a fractal pattern.
- Focused on handling user gestures and creating a simple UI.
- Learned how to understand and implement a new language in a new development environment.

## Northeastern University Boston, MA

Khoury College of Computer Sciences  
Candidate for Bachelor of Science in  
Computer Science, May 2022

**Honors:** Honors Program **GPA:** 3.45/4.0

**Activities:** Student Alumni Ambassadors

## Coursework

- Web Development
- Object Oriented Design
- Computer Systems
- Networks & Distributed Systems
- Database Design
- Embedded Design
- Algorithms
- Theory of Computation
- Graphic Design

## Hard Skills

### Languages

- Python
- Swift
- JavaScript
- HTML/CSS
- Java
- Elixir (familiar)
- MySQL (familiar)
- C (familiar)

### Tools

- Linux & MacOS
- AWS (EC2, S3)
- React
- Flask
- Jupyter Notebook
- Git
- Adobe Suite
- Audacity
- Phoenix (familiar)
- TensorFlow (familiar)

## Interests

