

Quinn Armstrong

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EDUCATION

Texas A&M University *B.S. In Computer Science*

Fall 2018 - Spring 2022

- **GPA:** 3.74
- **Leadership:** BEST – (Co-founder, Treasurer)
- **Relevant Coursework:** Data Structures and Algorithms, Discrete Mathematics, Program Design and Concepts, Computer Organization

EXPERIENCE

Coding Mentor

July 2020 - Present

The Coding School

- Taught students from underrepresented communities about Python fundamentals, Object-oriented programming, and Data Structures/Algorithms

Software Engineering Intern

May 2020 - Present

ChopStix

- Developed backend API requests for user authentication, password reset handling, and account recovery using Django and Python
- Created new SQL database table to enable faster lookup of driver credentials during login
- Implemented Django Channels to support Driver location updates via WebSockets
- Established Channel Layer to sustain messages using Redis

Undergraduate Research Assistant

January 2019 - May 2019

Texas A&M University

- Delegated task of detecting early indications of Chronic Venous Insufficiency through Bioimpedance analysis device
- Led a small team to develop an IOS application using Swift
- Collaborated with Data and Hardware teams to centralize project

PROJECTS

CookBook

July 2020

[Independent Project](#)

- Created web application that allows users to share and discover new recipes
- Supports user authentication, cookie sessions, image uploading, and database interaction
- Built using React, Node.js, Express.js, and Mongoose

Newsletter Signup

June 2020

[Independent Project](#)

- Created Newsletter Signup service using Node.js and Mailchimp API
- Deployed online utilizing Heroku

Task Management Web Application

May 2020

[Independent Project](#)

- Created web application that keeps track of tasks to be completed throughout the day
- Utilizes Node.js, Express.js, and functioning MongoDB database

SKILLS

Languages: Java, Python, C++, HTML, CSS, JavaScript

Frameworks/Libraries: Bootstrap, jQuery, Node.js, Express.js, React.js, Mongoose, Django