

STEVEN CHEN

U.S. Citizen

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www.stevenchen.io

EDUCATION

Georgia Institute of Technology

Atlanta, GA | May 2022

B.S. Computer Science

Concentrations:

Information Internetworks &
Devices

GPA: 3.81

Georgia Tech Lorraine

Metz, France | Jan - Apr 2020

SKILLS

Programming Languages:

Python

Java

JavaScript

HTML / CSS

C

Relevant Coursework:

Data Structures and Algorithms

Objects and Design

Object Oriented Programming

Algorithm Design and Analysis

Software / Tools:

Git

Microsoft Visual Studio Code

IntelliJ

Vagrant

Postman

Agile Development

Flask-Node.js-Vue.js-Bootstrap

Interests:

Internet of Things (IoT)

Fintech

Aerospace

Computer Networks

Piano / Guitar

Hiking / Outdoors



EXPERIENCE

Travelers

June - August 2020

Software Engineer Intern

Virtual | Hartford, Connecticut

- Created adapter to standardize and simplify output from external software allowing for easy modification to future code reliant on adapter
- Automated data entry by parsing Excel and PDF files and extracting relevant information which saves analysts hours each month
- Fixed bugs in Vue.js and reorganized components for smoother experience
- Leveraged QlikView to create dashboard for quick data viewing
- Wrote unit tests with Jest and achieved 100% code coverage
- Researched and created prototype of optical character recognition (OCR) solution to extract text from scanned documents
- Communicated with multiple analysts to gather data for team

Itential

May - August 2019

Software Engineer Intern

Atlanta, Georgia

- Created Bash script that automated filesystem setup and product configuration
- Implemented metrics API endpoint with Prometheus client that is scraped for data visualization
- Fixed UI and backend bugs involving text parsing, Regex, and React components
- Utilized Vagrant and VirtualBox VMs to quality test and certify product

PROJECTS

Twitter Bot

June 2020

A bot hosted on Raspberry Pi that tweets daily stock market information

- Created backend in Python to parse and manipulate data
- Used multiple APIs to gather and tweet information

VueStream (Hack GT)

October 2019

Collaboratively created a web app that generates movie recommendations

- Helped create front end with Vue.js for smooth UI/UX experience
- Leveraged Pandas and Flask to manipulate data and serve to frontend

Doodle Application

April 2019

JavaFX application that allows user to draw with shapes and pen strokes

ORGANIZATIONS

The Makery

Executive Board

August 2020 - Present

Vice President

August - December 2019

- Lead and organize project meetings on robotics and software integration
- Organize and plan workshops on Arduinos/electronics for over 20 members
- Act as liaison between club and school's student organization board

Bits of Good - Hack4Impact

Developer

August 2020 - Present

- Develop web apps in Node.js for local non-profit organizations