

ANDRÉS CAVALIÉ

Junior Software Developer / UTC Student

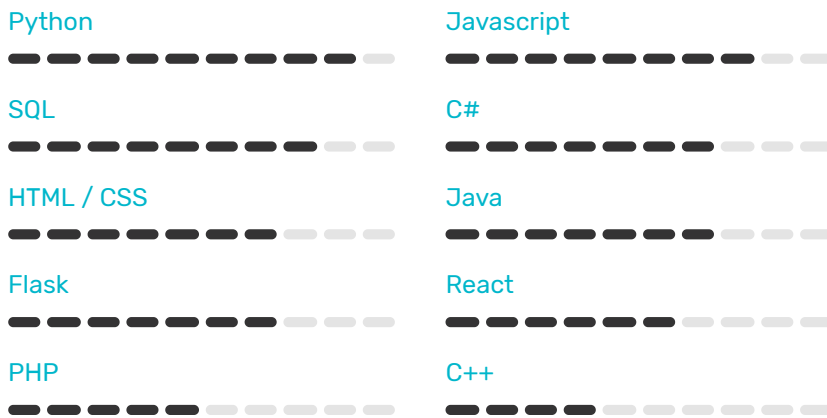
📞 (423) 834-4993 @ andrescavalie02@gmail.com / kbm324@mocs.utc.edu 🌐 <https://andrescavalie.com> 📍 Chattanooga TN

SUMMARY

Highly motivated full-time Computer Science student, part-time restaurant worker and real estate agent. Passionate about technology and business. Always eager to communicate, teach, and guide team members in any context. Determined, will remain calm when faced with a problem, and will work until a solution is found.

I am interested in back-end / full stack development, AI, and Computer Vision.

PROGRAMMING LANGUAGES / FRAMEWORKS / JS LIBS



TECHNOLOGIES/LIBRARIES

Jquery	Unity	OpenCV	Tensorflow	Pandas	JSON
SQLAlchemy	APScheduler	Flask-Login	Bootstrap		
MNIST Dataset	REST APIs	VS Code	Git	Github CLI	

PROJECTS

Reddit Marketing Toolkit

🔗 <https://github.com/AndresCavalie/Reddit-Marketing-Toolkit>

Web app that sends HTML emails when new posts that contain the user's keywords are made on a user's selection of Subreddits. These posts are stored in a SQLite database, accessed via user authentication, and sent at frequency of user's choice.

- HTML, CSS, Python, JS, SQLite / Flask, Reddit RESTful API, APScheduler, Pandas, JSON, Bootstrap

AI Visual Piano

🔗 https://github.com/AndresCavalie/Visual-Piano-Tensorflow_OpenCV

Using Tensorflow, OpenCV, and MNIST digit dataset to identify digits written on a sheet of paper. Using Mediapipe Handtracker to see when a finger passes over each digit, triggering the musical note that corresponds to each written digit.

- Python / OpenCV, Tensorflow, Mediapipe, RTMidi, NumPy

UTC Basketball Analysis Dashboard

🔗 https://github.com/AndresCavalie/UTC_MONEYBALL

Web interface built for the UTC Basketball team to chart individual player, game, and play statistics, with the end goal of adjusting player formations. Game data excel files are uploaded to database and processed each game.

- HTML, CSS, Python, JS, SQLite, React / Flask, Pandas, JSON, Bootstrap

STRENGTHS

- Strong Communicator
- Determination / Problem Solving
- Leadership / Team Building
- Eager to Learn / Self-Taught

LANGUAGES

English	Native
Spanish	Native

EDUCATION

BS in Computer Science:
Software Systems (Minor in
Entrepreneurship)

University of Tennessee at
Chattanooga

Program GPA
3.35 / 4.0

📅 2020 - Present

- Algorithm Analysis and Advanced Data Structures
- Data Structures and Program Design
- Software Design and Development
- File and Database Processing

EXPERIENCE

Full Stack Developer Internship

CSSI / Technology Projects

📅 05/2023 - Present 📍 Chattanooga, Tennessee

Web Development Company

- Writing well documented back-end and front-end code in MVC (Java,JS, SQL)
- Researching and designing database tables and security systems for clients
- Communication with lead developers to plan and develop solutions

UTC Basketball Analytics Developer - Freelance

The University of Tennessee at Chattanooga

📅 08/2022 - Present 📍 Chattanooga, Tennessee

Analytics Interface for UTC Basketball Management

- Writing well documented back-end and front-end code in Flask (Python, ReactJS, SQL)
- Responsible for the software development process from start to deployment, and maintenance post-deployment
- Planning and deliberating site design and functionality with clients

Graphic/Web Designer

Bowman On Target Marketing

📅 08/2019 - 04/2020 📍 Tullahoma, Tennessee

- Revamped entire suite of websites, created graphics
- Consistently completed remote work to meet deadlines
- Collaborated with CEO to create marketing material for advertisers

Notes Web App

[🔗 https://github.com/AndresCavalie/Notes-App-CRUD](https://github.com/AndresCavalie/Notes-App-CRUD)

Simple web app with authentication that can create, edit, and delete notes on a database. Used this simple project to learn Flask for Python web development.

- HTML, CSS, Python, JS, SQLite / Flask, Bootstrap

Calculator Web App

[🔗 https://github.com/AndresCavalie/Basic-Calculator-JS](https://github.com/AndresCavalie/Basic-Calculator-JS)

A simple website that imitates the iOS calculator that served as a brief introduction to javascript and CSS Flexbox.

- HTML, CSS, JS