

Junior Software Developer / UTC Student

SUMMARY

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

A horizontal bar chart comparing the usage of various programming languages and frameworks. The languages are listed on the left, and their corresponding usage percentages are shown as dark grey bars. The frameworks are listed on the right, and their usage percentages are shown as light grey bars. The bars are ordered by their usage percentage, with Python having the highest usage at 100%.

Language/Framework	Percentage
Python	100%
JavaScript	90%
SQL	80%
C#	70%
HTML / CSS	60%
Java	50%
Flask	40%
React	30%
PHP	20%
C++	10%

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

Reddit Marketing Toolkit

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

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

- Unity / Node server

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

English	Native
Spanish	Native

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

Full Stack Developer Internship

- 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

- 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

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

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

Notes Web App

🔗 <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>

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

- HTML, CSS, JS