

Aakash Haran

737-333-7350 | aakash.haran01@gmail.com | [linkedin.com/in/aakash-haran](https://www.linkedin.com/in/aakash-haran) | github.com/aakashharan-creator

EDUCATION

Texas A&M University

Bachelor of Science in Computer Science, Minor in Statistics

Aug 2020 – May 2024

College Station, TX

EXPERIENCE

Software Developer Intern

Paycom Software Inc.

May 2022 – Aug 2022

Grapevine, TX

- Designed and optimized a data pipeline to scrape and filter web data to boost internal marketing resources
- Set up meetings with remote team and end-users, practiced the Agile software development method, and presented project to the CIO
- Built using Node.js, Javascript, and Puppeteer and pushed code with Gitlab and projected \$950,000 in savings.

Data Analyst Intern

RazorMetrics

Jan 2021 – Apr 2022

Remote

- Singlehandedly developed a novel, proprietary analysis module in the data pipeline to automate identification of direct medication switches
- Coordinated meetings with other teams and presented findings to CTO and senior developers with Tableau
- Used Python, Pandas, pycopg2, PostgreSQL and pushed code with Bitbucket

PROJECTS

Python Debugging Module | *Python, PyPi, Yarn*

Oct 2021 – Nov 2021

- Created an MIT Licensed public debugging library to efficiently debug Python code
- Provided users with a collection of intuitive debugging tools to develop code and track execution

Real Estate Notifier | *Python, BeautifulSoup, Selenium, Twilio, Scikit-Learn*

May 2021 – Jun 2021

- Developed an application to scrape and clean real estate data using BeautifulSoup and Selenium
- Allowed users to communicate housing preferences through text with Twilio API, increasing user convenience
- Made a linear regression model with Scikit-Learn to predict housing prices with acquired data

Social Distancing Tracker | *Python, OpenCV, Keras*

Feb 2021 – Mar 2021

- Made a script to analyze MP4 files to identify and log violations of social distancing protocols
- Utilized Python and OpenCV to implement Haar Cascade object detection to recognize pedestrians and successfully log more than 60% of cases in most footages

College Book Selling Platform | *Javascript, React, PostgreSQL, Express, Node, Git*

Nov 2020 – Jan 2021

- Built and deployed a full-stack web application using with Express serving a REST API with React as the frontend and PostgreSQL as the backend on Heroku
- Created a platform for college students to sell used textbooks to each other
- Used Bootstrap to make a clean UX

TECHNICAL SKILLS

Languages: Python, C/C++, Java, SQL (MySQL, Postgres), JavaScript, HTML/CSS

Frameworks: React, Node.js, Express, Flask, Django

Developer Tools: Git, Gitlab, Bitbucket, AWS, UNIX, VSCode, Tableau, ESLint, Jira

Libraries: Pandas, NumPy, Matplotlib, BeautifulSoup, OpenCV