

DALTON RUSSELL

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SUMMARY

Outside of the general C.S. curriculum I have experience in RPA development using UiPath and even built a bot that placed first in UiPath's 2019 hackathon. I also have experience using some AWS services to build Machine Learning models. As evidenced in my projects, I can adapt to and be successful with new technologies pretty quickly. I also work well on a team and am easy to get along with. New challenges excite me and I am always looking to learn new things. I am currently teaching myself full-stack development in my free time.

EDUCATION

The University of Texas at Dallas Richardson, TX
B.S. Computer Science December 2020

TECHNICAL SKILLS

Java
Python
SQL
HTML
CSS
AWS (experience with some services)
Linux
JavaScript
WordPress

PROJECTS

Automated Admissions Bot (First Prize Winner at UiPath Hackathon 2019)

Built an automated admissions bot using UiPath Studio that could scrape data, verify user input, populate an excel worksheet, and recommend an admission decision.

Predictive Healthcare Pricing Using Machine Learning (on GitHub)

Used some AWS services like S3 and Sagemaker to build a linear regression model in Python that could predict healthcare claims pricing. Built an interface that would allow the user to input claim codes along with pricing. The claim is then accepted or rejected based on the price prediction from the model.

Pulp Fiction Chatbot (on GitHub)

Used NLP techniques to create a chatbot in Python that could carry on a limited conversation with a user about the movie Pulp Fiction. The bot would save information about each conversation including counts and term frequency of tokens to text files.