

Software Engineer

Objective

Searching for a full-time, part-time, or internship Software Engineering opportunity.

Technical Skills

- Languages: JavaScript, Java, C, HTML & CSS.
- Technologies: React.js, Node.js, Express.js, Git, SQL, MongoDB.
- Operating Systems: Windows, macOS, Linux

Projects

Youtify (Node.js, React.js):

Convert a YouTube playlist of music into a Spotify playlist. Learned how to use Spotify's OAuth for login and authorization. Used web scraping to get the artist and song name for each video of the YouTube playlist. Utilized Spotify's API in order to insert the songs into the user's Spotify playlist. Hosted this website using Amazon Web Services (AWS).

Link: <http://youtify.online/>

Mechanic Record (PostgreSQL, Jest.js, Node.js, React.js):

Keeps record of the customers, their cars, and the individual services associated with each car. Also helps the mechanic shop stay organized. Created custom endpoints along with a Postgres database to assist requests that retrieve and send data. Used Jest.js as the testing framework for unit testing. Implemented JWT for authorization and used React.js for the front end.

Link: <https://github.com/jcuello123/mechanic-record>

DNS Lookup Client (Java):

Constructed a DNS Client to recursively resolve a specified IP Address in order to display the intermediate name servers and the authoritative name servers along with any additional information.

Link: <https://github.com/jcuello123/mydnsclient>

My Shell (C):

Created a Unix shell with redirects and pipes. Extended the myshell.c program and added pipelines and I/O redirections. Runs with all the Unix commands as expected.

Link: <https://github.com/jcuello123/myshell>

Relevant Coursework

- Software Engineering I
- Data Structures/Algorithms (Java)
- Database Management (PostgreSQL)
- Programming II (Java)
- Programming III (C)
- C For Engineers

Education

From May 2019 to December 2021	● Bachelor's in Computer Science Florida International University Miami, FL GPA: 3.55 Dean's List: Fall 2019, Fall 2020
From August 2016 to May 2019	● Associate of Arts Miami Dade College Homestead, FL GPA: 3.50 Dean's List: Fall 2018