

# Gabriel Abdul-Raheem

Backend Software Engineer

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Tulsa, OK, 74119

## SKILLS

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- C
- Linux
- Data Structures
- Systems Engineering
- Low Level Programming
- Algorithm Design
- Python
- API Design
- Flask/SQLAlchemy
- PostgreSQL/PgAdmin
- Optimization
- FastAPI
- HTML/CSS/JS
- React Components
- Planning
- Test Driven Development
- High Level Programming
- Problem Solving

## EDUCATION

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Graduating 04/2022

**Holberton School** – Tulsa, OK

- Full Stack Software Engineering Fundamentals Certificate of Completion with an emphasis on C, Python, JavaScript, and SQL Databases.
- Currently specializing in Low-Level and Blockchain Development with heavy emphasis on C, and Python.
- Expected to graduate April, 2022.

## EXPERIENCE

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01/2022 – Present

**Software Engineer**, Technical People – Tulsa, OK

- Piloted front-end and back-end development of a click-to-call service.
- Created a webpage in HTML/CSS/JS that houses click-to-call functionality.
- Designed an API with endpoints using Python/Flask to send a request to the Twilio TwiML API.

## PROJECTS

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**AirBnb Clone** ([Link](#))

- Piloted front and back-end development of AirBnb (replica) using Python, Flask, SQLAlchemy, and MySQL.
- Implemented an API that allows the Flask back-end to feed data to the front end using JavaScript.
- Designed the core console of the Clone that includes creation, retrieval, updating, and deletion of objects.

**Unix Command Line Interpreter - Shell** ([Link](#))

- Built a replica of sh included with redirection and piping functionality.
- Exemplified use of low-level programming concepts and the dup2 and pipe syscalls.
- No valgrind errors/memory leaks.

**LS** ([Link](#))

- Recreated the Unix command ls with multiple flag functionality.
- Solidified fundamental low-level programming concepts.
- No valgrind errors/memory leaks.