

Judah Paul

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EDUCATION

Georgia State University, Atlanta, Georgia
Major/Pathway: Database & Knowledge-Base Systems
Bachelor of Computer Science

August 2017 – Present
Expected Graduation: May 2024

Langston University, Langston, Oklahoma
Major/Pathway: Electronics
Bachelor of Computer Science

August 2016 – May 2017

RELEVANT EXPERIENCE

Georgia State University, Student Assistant Systems Support

January 2019 – May 2024

- Address faculty and staff technology concerns submitted via the help desk ticketing service
- Configure and deploy equipment such as computers, printers, and scanners in offices and classrooms
- Deploy software to computers via System Center Configuration Manager (SCCM), now Microsoft Endpoint Manager (MEM)
- Provide advanced end-user or client support for database systems by overseeing the implementation or modification of database architectures upon request by a faculty or staff.

Langston University, Research Assistant

January 2017 – May 2017

- Presented the beginning of research regarding modeling the Duffing Equation
- Researched proper usage of operational amplifiers and other electrical components in constructing an analog computer
- Researched Chaos Theory for the purpose of building an energy harvesting apparatus

SKILLS

- **Programming Languages:** Python, C, Java, JavaScript, TypeScript, jQuery, Go, SQL, HTML, HTMX, HyperScript, CSS, Dart
- **Frameworks & Libraries:** Django, Flask, FastAPI, ReactJS, Express, React Native, Flutter, Expo
- **Databases:** PostgreSQL, MySQL, SQLite3, NeDB, Firebase, Supabase
- **Other:** Active Directory & Group Policy, Hyper-V, Linux Server Administration, 3D Modeling, 3D Printing, Microcontrollers and Microprocessors, System-Level Programming, Electronics and Prototyping, Docker

PROJECTS & CONTRIBUTIONS

- **COVID Tracking:** A python script that grabs the current COVID-19 data from various GitHub repos that track the spread and displays visual representations based on GUI input (tkinter). My first attempt at data visualization with python.
Public Repository <https://github.com/judahpaul16/covid-tracking>
- **FluidVoIP.com:** A web service built with the Django, HTMX, and Docker stack for the purpose of facilitating voice over IP (VoIP) services such as calling, texting, and faxing. Serves as a business phone system in the cloud (SaaS). Currently serving active clients.
Live at <https://fluidvoip.com>
Private Repository <https://github.com/judahpaul16/fluidvoip>
- **Hackermans:** A 2D cyberpunk platformer game made with Phaser.JS written in TypeScript.
Live at <https://hackermans.judahpaul.com/>
Public Repository <https://github.com/judahpaul16/hackermans>
- **GPT Home:** ChatGPT at home! Basically a better Google Nest Hub desk assistant. Built on the Raspberry Pi using the OpenAI API.
Public Repository <https://github.com/judahpaul16/gpt-home>
- **Employee Time Clock:** A simple web-based employee time clock application built with React in TypeScript.
Public Repository <https://github.com/judahpaul16/employee-time-clock>
- **VROOM:** A Mars exploration game made with Three.JS + Flask
Public Repository <https://github.com/GSU-Web-Programming-2023/vroom>
- **Atlexecpm.com:** Official website for Atlanta Executive Property Management, one of metro Atlanta's elite homeowners, condominium, and town home association management firms. Written with React.js (frontend) and Express (backend) in TypeScript.
Live at <https://atlexecpm.com/>
Private Repository <https://github.com/judahpaul16/atlexecpm>
- **Python-Voipms:** Contributed to a python REST API client for the voip.ms service (Added MMS Functionality).
Public Repository <https://github.com/4doom4/python-voipms/pull/12>
- **Karnaugh Map Generator:** Generate Karnaugh maps fast with Python.
Live at <https://kmaps.judahpaul.com/>
Public Repository <https://github.com/judahpaul16/kmaps/>
- **Dirconfig:** Configure what files should be in what folders using an easy-to-read YAML config file.
Public Repository: <https://github.com/judahpaul16/dirconfig>
PyPi Package: <https://pypi.org/project/dirconfig/>
- **JudahPaul.com:** A 2D game made with phaser.
Live at <https://judahpaul.com>