WILL CLINE

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SUMMARY

Mid-Level full stack software engineer with strong data science skills

PROFESSIONAL EXPERIENCE

FunkyOuter.Space, *Independent Contractor: Full stack web developer*
July 2023 - Current, July 2023 - Current, Austin, TX
- Contribute as part of a development team to convert GitHub Issues into built out features using ReactJS

Journal365, *Cofounder & CEO*
Nov. 2021 - Current, Austin, TX
- Lead a cross-functional team of 17, including Product, Design, and Engineering departments, to develop an IOS app that uses gamification to cultivate the habit of journaling.
- Oversaw the entire project scope from ideation to launch.
- Implemented agile methodologies
- Conducted one on ones, all hands meetings and meetings with team leads.
- Leveraged AI language models to enhance the app's core functionality, increasing user engagement.

Bryan Lloyd Payne Consulting,
Independent Contractor: Software Engineer and AI R&D
Mar. 2022 - Current, Austin, TX
- Used web automation (Selenium), OCR (OpenCV & Tesseract), and LLM querying (OpenAI api) to automate aspects of ERP system consulting work.
- Used C# to add roles management to P21Dunning (a dunning automation product that integrates into an ERP system)
- Constructed sql queries to satisfy consulting clients' reporting needs.

365Consulting.io,
Independent Contractor: Microsoft365 PowerApp Developer
May 2022 - Jan. 2023, Remote
- Built internal power apps for multiple clients that are household names
- Used PowerShell and ShareGate to merge SharePoint intranet sites for a billion dollar corporation
- Aided in discovery process for consulting clients

The Distribution Point, *Data Analyst*
Aug. 2021 - Aug. 2022, Vestavia, AL
- Leveraged machine learning techniques to reduce product lead time prediction error by over 8%
- Utilized Epicor Profit 21 to manage and analyze sales data, inventory levels, and customer information
- Rewrote SQL scripts to reduce product forecasting mean error by over 5%
- Built about 50 analytic reports to showcase KPIs using SQL and PowerBI
- Saved hundreds of hours and tens of thousands of dollars per year through RPA to automate manual labor tasks using Python Selenium and Power Automate

Blount Media, *Sales Manager and Digital Marketer*
Apr. 2021 - May 2022, Mountain Brook, AL
- Formed 15+ partnerships in the home development sector.
- Led sales strategy to acquire lead list of new homeowners in target zip code and launch a door to door campaign whose services generated over $100k in revenue over the course of a few months.
- Secured 50+ consultations via cold calls.
- Trained two sales reps to achieve a 2+ appointment/hour rate.
- Revamped website, boosting leads by 300%; maintained weekly email and social media outreach for customer retention.

Vincari, *Software Engineering Intern*
May 2019 - Aug. 2019, Innovation Depot Birmingham, AL
- Worked on converting medical software company from AWS to G-Cloud for 30% cheaper hosting

TECHNICAL SKILLS

DATA SCIENCE / ANALYTICS: Pandas, PowerBI, SQL, Web Scraping, NLP, Matplotlib, Machine Learning, NodeJS, Tableau, MS Office, CRM
SOFTWARE AND WEB DEVELOPMENT: Python, Automation, Google API, Twilio, PowerApps, Stripe Billing, Arduino, Oauth, C++, PowerAutomate, Node, MongoDB, GraphQL, Express, ReactJS, Bootstrap, OpenAI API, Flask, HTML/CSS, SharePoint, Wix, Shopify, Figma, Webflow, Bubble, React Native, C#, Razor, .net, Ubuntu, Firebase

PROJECTS

Simulation Hopper (video game featuring AI driven NPC dialogue and mini-games)
June 2023 - July 2023
- Simulation Hopper pushes the boundaries of traditional gaming while paying homage to the classics.
- Setting a remarkable precedent in the gaming industry, our RPG introduces pioneering AI innovations thereby revolutionizing the standard for interactive adventures

Text Message Based Journaling Platform as a SAAS
Nov. 2021 - Current
Leveraged Twilio and Google Drive APIs to build SMS prompted journaling platform that organizes and stores entries in the cloud
- Developed ReactJS landing page with Oauth2.0 authentication and Stripe customer portal for user billing management
- Created marketing material and ran Tik Tok ad campaign

Appointment Confirmation Software for Massage Envy
Jan. 2022 - May 2022
Automated text message appointment confirmation process in multiple Massage Envy Locations
- Web scraped with Selenium to gather client data from Massage Envy CRM, then send texts to clients and manage their responses using Twilio API and Python Pandas
- Deployed automation on Windows Task Scheduler
- Packaged software as a product and deployed across multiple Massage Envy stores in Alabama which saves a front desk associate around 30 minutes every day

Presidential Election Prediction Machine Learning Model
July 2021 - July 2021
Predicted presidential election results with machine learning
- Leveraged demographic APIs to gather data
- Utilized scikit-learn to implement classification modeling techniques including grid-search and XGBoost
- Created visualizations with matplotlib to communicate findings to a nontechnical audience

Digital Punching Bag Alarm Clock
Nov. 2020 - Oct. 2021
Developed punching bag alarm clock and digital workout toy
- Integrated real time clock, IMU, BlueTooth transmitter, mini speaker, LCD screen and buttons into hardware and software of Arduino Nano
- Developed IOS application, implementing Core BlueTooth functionality and basic UI
- Innovated 3D models with Blender and 3D printed plastic bezel and project box

EDUCATION

UT Austin Full Stack Web Development Bootcamp
Mar. 2023 - June 2023
Voted by peers as "AI expert" and "Most likely to inspire other developers"

Flatiron School in association with Birmingham-Southern College
May 2021 - Aug. 2021
Immersive Data Science Bootcamp program

Birmingham-Southern College
Aug. 2018 - Apr. 2021
Applied Computer Science

Where There Be Dragons
Feb. 2018 - May 2018
Experiential education abroad in China

Carpe Diem Education
Aug. 2017 - Nov. 2017
Experiential education abroad in Peru and Ecuador

ACTIVITIES

UT Convergent Ambassador,
Ambassador of student tech entreprenurship program where they partner with real startups
Aug. 2023 - Current

Center of Gravity Toast Masters
2022 - Current

Brazilian Ju Jitsu, *Blue belt training under John Danaher*
Spring 2019 - Current