Jackson Shinpaugh

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To Whom It May Concern:

Thank you for the opportunity to apply for your Data Analyst position. My name is Jackson Shinpaugh and I am incredibly interested in joining your team in this role. As a graduate of Washington State University, I have extensive experience with data science, data analytics, mathematics, and database management; and I am eager to continue learning and developing my skill sets. While I formally graduated with a degree in finance, I have come to love Data Science and Programming as my desired profession. Over the past few years, I have been self taught in Python and SQL, honing in my skills and knowledge of the world of data intensive applications. I have been fortunate to work with multiple organizations thus far that have allowed me to continue my journey.

During my experience as a Data Scientist for AI startup SurvAI, I had the opportunity of developing and deploying several custom-trained deep learning algorithms to aid in video analysis for human rights investigations through Human Rights First. In this position, I developed the valuable skills of facilitating large scale data collection and annotation for computer vision applications, managing large databases in AWS and GCP, and deploying deep learning algorithms at scale. Currently, I am working with a private open source investigation unit called Task Force Butler to create a chrome extension that scrapes the raw HTML from a given webpage, parses the HTML to separate into tabular data, utilizes gpt-3 LLM models to summarize and pull important dates, locations and names from the body text, and inserts the data into a relational database to be queried. Lastly, I'm participating in an independent project that utilizes LLM's to build personalized chat-bots for various use cases. During this project, I implemented a payment system using the Stripe API that accepts payment for subscriptions and one-time purchases of tokens, and stores user info and token balance in a relational database.

Throughout my experience, I have worked in small, but mighty teams where we have all worn multiple hats to ensure success. From idea to implementation, I've worked tirelessly and meticulously to bring these technologies to life, and feel confident in my ability to do so for your company as well. I am ready to experiment, troubleshoot, and develop unique strategies while providing constant communication and collaboration with your team. I would be immensely fortunate for this opportunity and look forward to speaking with you further.

Sincerely,
Jackson Shinpaugh