KEVIN M. LEE

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SUMMARY / OBJECTIVE

Master's in Computer Science candidate skilled at Python data analytics utilizing Machine Learning. Experienced with API and system architecture design using AWS / Azure technology. Seeking a Software Developer or Data Engineer role to apply and enhance my expertise.

EXPERIENCE

- **CommandLink**   *12/2023 - Present*
  Full-Stack Software Developer   Austin, TX (Remote)
  - *Technologies: Python, FastAPI, Azure (CosmosDB, Container Apps, Application Insights, Functions), Terraform, Docker, LucidChart, GitHub Actions, RabbitMQ*
  - Designed system architecture with LucidChart to visualize and improve data flow for a content platform
  - Deployed Cosmos DB, Blob Storage, Container Apps, and additional resources with Terraform
  - Built RESTful APIs using Python FastAPI to bridge operations between React and Azure Storages
  - Integrated OAuth2 for robust authentication and platform security enhancements
  - Implemented Python standards using Pytest and Flake8 in GitHub Actions CI/CD to ensure code quality
  - Created bash scripts for Jest and Cypress automated SDET testing to streamline cleanup

- **International Public Safety Data Institute**   *07/2023 - Present*
  Full-Stack Software Developer (Part-Time)   Austin, TX (Remote)
  - *Technologies: TypeScript, AWS (Lambda, S3, ECS, RDS, CloudWatch), Kubernetes, Grafana, RabbitMQ, Sentry*
  - Non-profit organization dedicated to data-driven research for improvement on operational performance
  - Developed data pipelines to normalize incoming fire department dispatch data for integration
  - Debugged and optimized normalizer performance for NFORS Analytics platform
  - Integrated external APIs for data enrichment for our customers including geographic, weather, census, etc. info

- **Samsung Austin Semiconductor, LLC.**   *06/2018 - 12/2023*
  Engineer II   Austin, TX (Hybrid)

  Process Role   *07/2020 - 12/2023*
  - *Technologies: Big Data, FastAPI, Python, Streamlit, VBA*
  - Co-established Data Solutions subteam in department - tailored to automation of mundane tasks
  - Developed FastAPI Jarvis functions to streamline floor technicians job duties
  - Built Big Data cloud dashboards for efficient process monitoring, reducing TAT for decision making
  - Reduced cost material usage by $400,000 per year using residual gas analysis of process cleans
  - Increased wafers per hour throughput of process fleet with optimization of process deposition recipes
  - Ensured rapid tool deployment for fast-expansion production ramps to meet customer demands

  Lead Shift Role   *06/2018 - 07/2020*
  - *Technologies: Batch Scripting, VBA*
  - Created VBA macro scripts for alert tracking and response to aid engineers saving 3 man-hours per day
  - Deployed batch file system to enhance shift hand-offs and reduce time waste on seeking essential documentation
  - Mentored and trained new employees in system expertise and analytical skills to meet production demands

PERSONAL PROJECTS

- **ClearView Vision**   *04/2023 - 08/2023*
  Deployed at https://clearviewatx.com
  - *Technologies: React JS, JSX, TailwindCSS, Figma, GitHub Pages, DNS Reroute, SSL, GoDaddy*
  - Development and deployment of a website for a new optometrist business owner in Austin, TX
  - Led a team comprising of another Developer and a UX/UI Designer
  - Conceptualized wireframe using Excalidraw, generated preliminary drafts, and culminated final design with Figma
  - Co-developed all components and features using React JS hooks for functionality

EDUCATION

- **Master of Science in Computer Science**   *01/2022 - 12/2024*
  Georgia Institute of Technology   GPA: 4.00 / 4.00
  Machine Learning Specialization

- **Bachelor of Science in Mechanical Engineering**   *08/2015 - 05/2018*
  The University of Texas at Austin   GPA: 3.83 / 4.00
  Business Foundations Certificate Program