KEVIN MAXIMILIANO LEE

U.S. Citizen · kevinmlee97@gmail.com · (956) 579 2422

EXPERIENCE

International Public Safety Data Institute: Washington, DC   07/2023 - Present

(Remote) Part-Time Full Stack Developer

- Generate normalizers for dispatch data using TypeScript, AWS, and Kubernetes
- Develop, maintain, and optimize for NFORS Analytics platform
- Create detailed documentation pertaining to system architecture, data flow, and functionality

Samsung Austin Semiconductor, LLC.: Austin, TX   06/2018 – Present

CVD Process Engineer II: SI PE TEOS | CU PE TEOS AM Process Owner   07/2020 – Present

- Co-ownership of data solutions in the department
  - Support automation requests using Python, FastAPI
  - Big data cloud dashboards with Python, Streamlit
- Reduced cost material usage by $400K per year and increased process throughput by 18%

CVD Shift Engineer: Lead Engineer   06/2018 – 07/2020

- Mentored and trained new employees in system expertise and analytical skills to meet production demands
- Developed VBA macro scripts to save 2.5 man-hours per day spent on repetitive, daily operations
- Created a batch file for team to quickly open applications, webpages, and SOPs essential to daily tasks

EDUCATION

Georgia Institute of Technology   Online Master of Science, Computer Science (OMSCS)   01/2022 – Present
GPA: 4.00 / 4.00   Specialization: Machine Learning

The University of Texas at Austin   Bachelor of Science, Mechanical Engineering   08/2015 – 06/2018
GPA: 3.83 / 4.00   Business Foundations Certificate Program

OMSCS COURSEWORK

[A] Data & Visual Analytics: Focused on data exploration and visualizations using Tableau and D3

[A] Database System Concepts & Design: Learned architecture for relational databases using SQL / C#

[A] Computer Vision: Delved into image processing with OpenCV

[A] Artificial Intelligence Ethics & Society: Investigated the ethical implications of AI applications

[A] Game Artificial Intelligence: Explored AI strategies for game development in Unity with C#

[Current] Machine Learning: Diving into supervised, unsupervised, and reinforcement learning with scikit-learn

CERTIFICATION

The Complete 2023 Web Development Bootcamp: Udemy Course   01/2023 – Present
Bronze WorkSmart Certification (Six Sigma): Samsung Austin Semiconductor   06/2018 – Present
Python for Data Science and Machine Learning Bootcamp: Udemy Course   05/2021 – 08/2021