

# Adam Hans



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## Summary

Currently, I worked as a Process Technician on Ethylene Cracker 1594.

I am seeking a Professional Certification in Data Engineering from MIT, which will be completed in May of 2022.

## Experience



### Process Operator

Chevron Phillips Chemical Company

Feb 2015 - Present (7 years 2 months +)

- Start-Up Operator for 1594 Ethylene Cracker (2018)
- Field and Console Trainer for Cold Side
- Work Up Supervisor
- Experience with Yokagowa DCS (graphic development, console programming, FAT/SAT testing)
- Smart Plant / Autodesk Navisworks 3D Model
- Developed in-field procedure based training videos for critical unit restarts
- Designed and Implemented two front end/back end databases during commissioning



### Director Of Educational Technology

Faith Leadership Christian Academy

Mar 2020 - Present (2 years 1 month +)

- Developed a digital transformation plan for grade 4-10 during Pandemic Quarantine.
- Successfully implemented Google Classroom remote learning environment and provided training for teachers, students and parents.
- Offered remote training for teachers and parents on using these digital tools.
- Setup and implemented live stream options for teachers via Facebook and YouTube channels.



### Process Operator

BASF

Aug 2013 - Feb 2015 (1 year 7 months)



### Computer Technician

Barbers Hill ISD

May 2013 - Aug 2013 (4 months)

- Assist each campus in the Barbers Hill ISD district with technology needs via help desk support and onsite calls
- Develop infrastructure and successful implementation of their Google Chromebook 1-to-1 rollout at the high school campus (~1100 units)
- Oversee setup and coordinate sound system setup for 2013 graduation ceremony.

- Train teachers, staff, and student body in the use and incorporation of technology in their classrooms



## **Campus Technology Specialist (On Site Support)**

Goose Creek CISD

Mar 2009 - May 2013 (4 years 3 months)

- Provide onsite, daily support in a campus technology setting (classroom or lab) the full day.
- Act as the primary campus contact person for all technology related services. Coordinate all new services and problems with TMS and the Instructional Technology departments.
- Maintain a database of campus hardware and software inventory. Keep track of campus software licenses and software checked in and out by students and teachers.
- Install new and maintain existing hardware and software e.g. printers, scanners, campus software, etc.
- Maintain proficiency in all campus instructional hardware and software. This includes having a working knowledge of all functions in the hardware and software technology systems.
- Troubleshoot network, hardware, and software problems.
- Manage the instructional campus network which includes classrooms, library, and computer lab. Also includes making schedules for the lab and managing the lab.
- Manage teacher programs and provide reports for instructional software applications such as Accelerated Reader, Academic Skills, Sleek, etc.
- Provide assistance to students, faculty and staff in use of instructional technology.
- Serve as the campus technology database administrator for many instructional programs and student ids. Includes setting up and maintaining student id folders, maintain passwords, and performing maintenance login information in the labs.
- Analyze and troubleshoot issues associated with increase of spyware and viruses on all campus computers.
- Implement, maintain and support all Instructional programs

## **Education**



### **MIT xPro**

Professional Certificate in Data Engineering, Data Science

Nov 2021 - May 2022



### **Lee College**

Process Technology

2011 - 2013

## **Licenses & Certifications**



**Professional Certification in Data Engineering** - Massachusetts Institute of Technology



**Microsoft Office Specialist - Word 2007** - Microsoft

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## **Microsoft Office Specialist - Outlook 2007 - Microsoft**

### **Skills**

Python (Programming Language) • MySQL • Client-server Application Development • Extract, Transform, Load (ETL) • Machine Learning • API Development • Flask • Databases • Data Engineering • Data Science

### **Honors & Awards**



#### **November InMotion 2019 - Chevron Phillips Chemical Company**

Nov 2019

During 2019, I developed the concept of procedure based training videos for EU-1594. These videos provided live demonstrations of critical procedures conducted by the field operations team. The purpose of these videos were to give operators another point of reference for executing a procedure and the necessary communication needed to safely execute.

This project was featured in the November 2019 edition of Chevron Phillips InMotion series.