

ENGINEERING EXPERIENCE

Lockheed Martin Company

Electronics Flight Systems Technician B -Full Time

Pax River, MD

Nov 2019- Jan 2020

- Utilized schematics, wiring diagrams, reference manuals to install, align, synchronize, checkout, and repair a wide variety of complex aircraft avionic and electronic systems. Troubleshooted entire aircraft avionic and electronic systems making all repairs necessary to achieve and maintained flight readiness.
- Coordinated activities with Engineering and Supervision to resolve problems involving modifications, drawing or specification discrepancies, shortages, rejections, and insured incorporation of all changes and modifications.

Butler America Aerospace & Defense

Contractor for Sikorsky a Lockheed Martin/Full Time – Flight Tech Writer

Shelton, CT

May 2019- Oct 2019

- Researched, wrote, and developed portions of aircraft flight manual revisions according to the governing specification and published standard work
- Developed concise, complete, technically accurate, and easy to understand technical information in a timely fashion with a very high level of quality.
- Conducted technical reviews of another writers' work. Reviewed and analyze the technical information/documents that are incorporated into technical manuals.

Airborne Maintenance Engineering Services

Contractor for Aerotek /Full Time – Avionics Technician

Wilmington, OH

Feb 2019- Mar 2019

- Performed repair or modification design, and developed appropriate technical documents, such as repair approvals, drawings, reports and specifications.
- Coordinated and supported manufacturing activities and those in other internal departments (CRO, Heavy and Line Maintenance).
- Provided support to intercompany airlines (ABX, ATI).
- Interpreted flight test data to diagnose malfunctions and systemic performance problems.
- Developed documentation in support of certification and outside customer activities.
- Assembled electrical components, subsystems, or system.
- Managed associated parts/materials, e.g. requisition, tracking, installation, disposition of removed parts, completing parts tag.
- Handled wire routing, terminating, and installation on Boeing commercial/cargo aircrafts. Adjusted, repaired, or replaced malfunctioning components or assemblies, using hand tools or soldering irons.

Atlas Air, Inc.

Temporary/Full Time -- Reliability CASS Analy

Harrison, NY

Oct. 2018-Jan. 2019

- Reviewed and corrected ATA coding on aircraft defects in TRAX on a daily basis.
- Monitored the mechanical performance of the aircraft systems, structure, and components to ensure the highest level of safety and reliability through effective analysis and corrective action plans which supported compliance with FAA regulations related to a Reliability Program.
- Developed, maintained, and utilized computing resources to create customized solutions for safe and cost-effective means to maintain the client's fleet of aircraft.

RCM Technologies Aerospace

Full time –International Trade Compliance Specialist

Shelton, CT

Jun 2016-Apr 2018

- Facilitated aircraft related documents for exportation purposes.
- Supported International Trade Compliance activities.

- Analyzed aircraft systems, drawings and reports.
- Classified the commodities and Technical Data for Export purposes.

TEACHING EXPERIENCE

Student Teaching

Roye Williams Elementary School

Havre de Grace

September– December 2022

- Team teaching is integrated into all subjects, grades 4
- Prepared educational objectives and lesson plans.
- Implemented positive classroom management strategies.
- Utilized various styles of teaching including cooperative groups, peer tutoring, and the use of technology.
- Created bulletin boards, presentations, anchor charts, and interest centers.
- Participated in grade-level collaborative teachers meeting team meetings as well as parent meetings.

Laurel Bush Celebree School

Teacher's Aide- Full Time

Bel Air, MD

Sept 2021- August 2022

- Assisted in creating and implementing thorough, timely lesson plans that are age appropriate and stimulating in accordance with weekly themes and Celebee's curriculum; assists in managing effective classroom transitions
- Provided exceptional support for all students, including students with special needs.
- and, supervised, and provided activities for students to enhance their creativity critical thinking
- Assisted and supervises children during all activities; counseled children as needed using positive and appropriate discipline techniques.
- Ensured that the classroom's appearance, cleanliness, and safe classroom environment is appropriately maintained.
- Assisted in completing all classroom paperwork and input data reports for each student daily.

Kelly Education Services

Building Substitute Teacher- Waltersville School

Bridgeport, CT

Oct 2020- Jan 2021

- Adhere to the curriculum and lesson plans assigned by the regular teacher.
- Substitute teacher when she is absent.
- Follow procedures and achieve lesson goals.
- Assign and explain assignments.
- Oversee students outside of the classroom including in the hallways and cafeteria.
- Comply with all school regulations and policies.
- Take attendance and document daily notes.
- Ensure classroom and work is kept clean and orderly.
- Oversee the normal classroom rhythms and activities.
- Compile a report for the teacher for when she returns.

Muslim Community Society Youth Learning Center

Part Time- K-12 General Instructor

Queens, NY

Oct 2014- Apr 2016

- Assisted students with homework
- Aided students with (Reading/Math/Science)
- Provided students with collaborating/practical projects to improve their mental/educational skills
- Assisted manager with preparing documents and information literacy

Vaughn College of Aeronautics and Technology,

Academic Resources Center –Academic College Tutor /Work-study

Flushing, NY

Oct 2011- May 2014

- Assisted in Remedial Center
- Tutored students in small groups learning periods
- Observed students to supply teachers with feedback on potential learning opportunities

- Supplied one-on-one attention to students individually.
- Communicated effectively with Professors from various college levels

VOLUNTEERING/ ACHIEVEMENTS

- Remote Instructor: <https://outschool.com/>
- Volunteering Instructor /Founder of Virtual Tutoring Program at Lantern Community Center, April 2020
- Founder/Creative Director of the Art Program in Blended Learning Center, CT November 2017
- Member in Art in Real Time, CT, June 2018
- Member in Trestle Art Studio (TAS), NY, April 2020
- Member in St Mary's Arts Council (SMAC), MD, February 2020
- Member in City Wide Open Studio (CWOS), CT, July 2018
- STEM-TOPIA Afterschool program Instructor, Frenchtown Elementary School, CT December 2017
- Career Panelist for Waterbury Youth Services, CT, November 2017
- Solo Art Exhibition in KOFFEE Café, CT, September 2017
- Volunteer at New Haven Reads, CT, June 2017- October 2017
- Member at Women in Aviation organization,
- Member of Arts Council of New Haven
- Volunteer in NYC Rescue Mission – Adult Tutoring, NY, 2014- 2016
- Volunteer Experience- Astoria Bookshop, NY

ART EXPERIENCE

SELF-EMPLOYED Artist (Freelancer)

Freelancer: <https://www.afafkhalilart.com>

Artwork Prints for Sale: <https://pixels.com/profiles/afaf-khalil>

Designer <https://society6.com/afafkhalil>

- Display and Sell original, prints, and products of my artwork.
- Deliver art pieces to clients according to custom specifications
- Create abstract Paintings to be displayed in local establishments
- Collaborate with local museum to develop and fit art installations across outside area

PUBLICATIONS

- Afaf Khalil Energy Colors Art Collection, January 2020
- Transcendence of the self (Sold on Amazon.com)

SOCIAL MEDIA

- LinkedIn <https://www.linkedin.com/in/afafkhalil/>
- Instagram <https://www.instagram.com/akartworld/>

EXHIBITIONS

Awards/Current Art Show:

Best of Show Winner – Colors of Humanity “Yellow” Online Art Show, 2020

<https://www.colorsofhumanityartgallery.com/Yellow-2020/Yellow-2020-Show/n-VBZ2Bm>

- **Artist Residencies**
 - Trestle Art Space (May 2020)
 - Montessori School of Greater Hartford, West Hartford CT (May 2019)
 - Montessori School of Greater Hartford, West Hartford CT (December 2018)
- **Solo Exhibition:**
 - Case Memorial Library, Orange CT (February 2018)
 - Yale West Campus, Orange CT (August 2019)

- Colt Gateway Campus, Hartford, CT (September 2019)
- **Collaborative Exhibitions/Events:**
 - ArtWalk Vendors Art Market, (May 2021)
 - HERE, NOW: 2020 TAS MEMBERS EXHIBITION (Jul 2020)
 - City-Wide Open Studio, New Haven (September 2018)
 - Ekphrasis Open Studio Hartford, Hartford CT (November 2018)
- **Community Art Shows:**
 - Manchester Art in the Park Fair, Manchester CT (June 2018)
 - Manchester Art in the Park Fair, Manchester CT (June 2019)
 - Essex Art Festival, Essex CT (June 2019)
 - Guilford Fair, Guilford CT (September 2018)

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Flushing, NY

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EDUCATION

Grand Canyon University

Master of Education: Elementary Education

Online, Phoenix, AZ

Graduated Dec 2022

Vaughn College of Aeronautics and Technology, Flushing, NY

Bachelor of Science: Electronic Engineering Technology (Avionics concentration)

Flushing, NY

Graduated Dec. 2014

SKILLS

(Inter) personal: Excellent communication skills; creative; productive; goal-oriented; resourceful; responsible.

Electronics: Troubleshooting avionics systems, repair, wire harnessing, soldering, read schematics, building circuits.

Programming/Graphic software: Blogging, Social Media, Technical writing, Creative writing, Microsoft Word, Excel, PowerPoint, Outlook, CATIA, Solid Edge, Adobe Photoshop, and 3D Studio Max, Xilinx.

Art: Fashion design, painting and drawing.

Languages: Bilingual fluency in Arabic and English; Intermediate French, German