JAWDAT DIEK

MICROSOLDERING & ADVANCED BOARD-LEVEL REPAIR SPECIALIST

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Authorized to work in the United States

PROFESSIONAL PROFILE

Electronics repair specialist with 10+ years of hands-on experience, including extensive advanced microsoldering and component-level motherboard repair. Skilled in diagnosing no-power and short-circuit faults, removing and installing ICs, BGA reballing, repairing damaged traces and board connections, and restoring nonfunctional or liquid-damaged devices when technically feasible. Experienced across smartphones, tablets, Apple Watch, gaming consoles, and controllers; trusted to perform complex repairs independently.

ADVANCED TECHNICAL EXPERTISE

MICROSOLDERING & BOARD RECOVERY | Microscope-assisted precision soldering; IC removal, replacement and installation; BGA reballing; component-level diagnosis; no-power and short-circuit troubleshooting; trace and jumper-wire repair; damaged-pad and circuit-path restoration; liquid-damage diagnosis; schematic-assisted fault tracing.

TOOLS & PLATFORMS | Microscope; hot-air rework station; soldering station; DC bench power supply; digital multimeter. iPhone and other smartphones; iPad; Apple Watch; PlayStation, Xbox and Nintendo Switch consoles and controllers; USB-C and HDMI connector repairs; screen refurbishment.

PROFESSIONAL EXPERIENCE

Board-Level & Electronics Repair Technician | Confidential Electronics Repair Employer · Columbus, OH | 2025–Present

- Perform advanced microsoldering, board-level troubleshooting and component repairs for phones, gaming systems and devices handled by a Columbus-area retail repair business.
- Diagnose failed and liquid-damaged boards; repair ICs, traces, power circuits and connectors; test devices for return to service.

Advanced Mobile & Gaming Electronics Repair Technician | MOFIX · Tamra / Haifa area, Israel | Feb 2020–Oct 2024

- Completed complex smartphone motherboard repairs, including IC rework, reballing, circuit diagnosis, microsoldering and recovery of nonfunctional boards.
- Repaired gaming devices and refurbished mobile phones and damaged screens; performed functional testing after repair.

Mobile Board-Level Repair Technician | HARMONIX · Amman, Jordan | Nov 2017–Dec 2019

- Advanced from technician training into independent phone motherboard diagnosis, microsoldering, IC-level repair and trace restoration; serviced and refurbished mobile devices.

Mobile Repair Technician | Stop and Go · Amman, Jordan | Nov 2015–Sep 2017

- Developed core phone-repair and precision-soldering skills through hands-on shop training, progressing to advanced component-level troubleshooting and refurbishment.

TECHNICAL TRAINING

Mobile Maintenance Course | Dar Amman Academy · Amman, Jordan | Sep–Oct 2015

SELECTED REPAIR WORK

Repair video samples: iPhone motherboard short-circuit diagnostics, microscope-based board work, phone testing, Apple Watch startup, and electronic board inspection. Video portfolio available upon request.