

# KYNE MARSHALL

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## TECHNICAL SKILLS

- Microsoft DOS, Windows 2.1 through 11, Windows CE, Windows Mobile, Windows Server.
- Symbian OS, Brew OS, iPhone OS v2 through iOS 14.8, Android OS v1.0 through v11.
- Raspbian OS, Linux, FreeBSD, Unix.
- Python Script, C and C++ programming environment, Visual Basic, Assembly language.
- Digital Forensics Software - Oxygen Forensic Detective, Magnet Axion, CellHawk, Cellebrite, X-ways Forensics, Belkasoft Evidence Center and various ancillary tools.
- Adobe Premiere Pro, Adobe Audition, Adobe After Effects, EXIF metadata, Input-ACE, Point cloud mapping and Video analysis.
- Fat, exFat, NTFS, ReFS, HFS+, ext4 and APFS file systems.
- Diagnosis and repair of cell phones, tablets and computers.
- Extensive knowledge of PC architecture and networking.
- 3D Printing, CNC machinery and associated numeric controllers.
- Vast knowledge of electronics and SPICE emulation software.
- AutoCAD and 3D modelling.
- 3DF Zephyr and CloudCompare software for Point Cloud and Photogrammetry.

## EDUCATION

1990 - 1992

**BACHELOR OF MICROELECTRONIC ENGINEERING**, GRIFFITH UNIVERSITY

Design and development of micro and nano electronic componentry. *Degree incomplete.*

1993

**ASSOCIATE DIPLOMA IN COMPUTER AIDED DRAFTING**, YERONGA TAFE COLLEGE

Computer Aided Drafting using AutoCAD software.

## INDUSTRY RELATIVE TRAINING AND EXPERIENCE

2019

### **NASHVILLE ASSOCIATION FOR CRIMINAL DEFENSE LAWYERS.**

NACDL Spring Conference.

2019

### **E-FORENSICS MAG.**

Digital Visual Media Anti-Forensics and Counter Anti-Forensics (W34) Course.

2020

### **MAGNET SOFTWARE.**

Magnet Users Summit

2020

### **ASSOCIATION OF CERTIFIED E-DISCOVERY SPECIALISTS.**

Tackling the Explosion of Data in E-Disclosure

2020

### **CELLEBRITE.**

Maximizing the Potential of Early Mobile Device Examinations.

Remote Working Capabilities for Mobile, Computer and Cloud Collections.

Nothing to See Here? I beg to DFIR – KnowledgeC.

Help to Understand Android Extractions.

2020

### **HAWK ANALYTICS - CELLHAWK.**

Carrier Breakdowns - Verizon Returns.

Carrier Breakdowns - T-Mobile Returns.

Carrier Breakdowns - AT&T Returns.

Beyond the Map – Take CDR Analysis to the Next Level.

OSINT Data.

2020

### **MAGNET FORENSICS.**

Corporate Investigations with Magnet Axiom Cyber.

Android Application Artifacts.

Cloud Investigations with Axiom Cyber.

#### **Magnet Virtual Summit**

Cryptocurrency Investigation and Following the Transaction Trail.

MacOS Forensics – The Next Level – Taming the T2 Chip.

How to Conduct Remote Mobile Acquisitions.

The Need for Speed with Magnet Outrider.

Creating a Digital Forensics Workflow to Combat Data Exfiltration.

Putting the RDPieces Back Together Again.

Performing Linux Forensic Analysis.

Loading Different Evidence Types.

2020

**INPUT-ACE – OCCAM VIDEO SOLUTIONS.**

Video Evidence Training Symposium 2020 – 15 hours.

2021

**HAWK ANALYTICS - CELLHAWK.**

Kelsey Smith Murder Case – 3 hrs.

Actionable Intelligence – The OSINT Way.

2021

**LEICA.**

High-speed scene documentation: An Investigation of the GS18 RTK Rover.

2021

**AI2-3D FORENSICS.**

Click 3D Photogrammetry Course – 12 hrs.

2021

**AI2-3D FORENSICS.**

CloudCompare Course – 12hrs.

2021

**INPUT-ACE – OCCAM VIDEO SOLUTIONS.**

Video Evidence Symposium – 15hrs.

Video Literacy – Best Practices – 6hrs.

2021

**MAGNET FORENSICS.**

Magnet Virtual Summit.

In-Depth Look at Timeline in Axiom.

2022

**INPUT-ACE – OCCAM VIDEO SOLUTIONS.**

Video Evidence Training Symposium 2022 – 12 hours.

2023

**RECON-3D.**

Recon-3d Certificate Course – 4 hours.

2024

**MAGNET FORENSICS.**

Magnet Virtual Summit – 9 hours.

2024

**AI23D.**

Forensic Photography Symposium – 20 hours

2024

**RECON-3D.**

Recon-3D Users Group Meeting – 5 hours.

## LICENSES

2024

**SMALL UNMANNED AIRCRAFT SYSTEM – REMOTE PILOT.**

FAA PART 107 CERTIFICATE NUMBER 4966742

## EXPERIENCE

**JANUARY 2024 – CURRENT**

**DIGITAL FORENSICS ANALYST - OWNER, BERRY-WALTZ INVESTIGATIONS, LLC.**

Digital forensics including audio and video analysis, cell phone analysis, cell tower analysis, computer analysis, photogrammetry.

**AUGUST 2019 – DECEMBER 2023**

**CEO - OWNER, D/FEAT, LLC.**

Digital forensics including audio and video analysis, cell phone analysis, cell tower analysis, computer analysis, photogrammetry.

**JUNE 2018 – OCTOBER 2019**

**CTO - OWNER, CYBERTRUTH, LLC.**

Digital forensics including video analysis, cell phone analysis, cell tower analysis, computer analysis, eDiscovery.

**DECEMBER 2010 – JUNE 2018**

**CEO - OWNER, MARSHALL RENOVATION SERVICES LLC.**

Residential home renovations and property investment.

**2004 – 2010**

**ELECTRONICS TECHNICIAN, AIRCOM SYSTEMS PTY. LTD.**

Electronics installation, diagnostics and repair on air tube transport systems. Network troubleshooting and on-call support.

**2000 – 2003**

**GENERAL MANAGER, KIRKBUILD PTY. LTD.**

Allocating budget resources, coordinating business operations, improving administration processes, engaging with vendors and hiring and training employees.

**1997 – 2000**

**NETWORK ENGINEER – CNC PROGRAMMER, IDM SHOPFITTERS PTY. LTD.**

Network infrastructure and programming of Computer Numerical Controlled machinery.

**1995 – 1997**

**TECHNOLOGY AND SYSTEMS MANAGER, CFA PTY. LTD.**

Management of Personal Computer systems, network and associated programming infrastructure.

**1993 – 1995**

**CAD DRAFTSPERSON - CNC PROGRAMMER, ERGOSYSTEM PTY. LTD.**

Design and drafting of office partition systems and furniture. Programming of Computer Numerically Controlled machinery and CAM software.

**1992 – 1993**

**COMPUTER AIDED DRAFTSPERSON, PAUL DOUGLAS CABINETMAKERS PTY. LTD.**

Residential kitchen design, drafting and parametric programming of AutoCAD and related CAM software.

## **COURT TESTIMONY AND CASE EXPERIENCE**

I have provided expert digital forensics analysis and reporting in over 200 cases in both Federal and State courts.

**NOVEMBER 2024**

**MIDDLE DISTRICT TN, CRIMINAL COURT.**

Trial attended: 11/20/2024

Case: USA v. Scott Nelson

Case number: 3:22-CR-00183

Testimony: Expert testimony in Digital Forensics.

**OCTOBER 2024**

**GIBSON COUNTY, CHANCERY COURT.**

Motion in Limine hearing : 10/3/2024

Case: Boggs v. Boggs

Case number: H6623

Testimony: Expert testimony in Digital Forensics.

**FEBRUARY 2022**

**WILLIAMSON COUNTY, CIRCUIT COURT.**

Attended: Voir Dire hearing 2/11/2022

Case: TN v. Ashley Kroese

Case number: 2020-CR-15580

Testimony: Qualified as Expert in Digital Forensics.

**JULY 2021**

**JOHNSON COUNTY, CRIMINAL COURT.**

Trial attended: 7/23/2021

Case: TN v. Robert Leroy Littleton III

Case number: 18-CR-80

Testimony: Expert testimony in Digital Forensics and Technology.

**DECEMBER 2019**

**LAWRENCE COUNTY, CRIMINAL COURT**

Trial attended: 12/12/2019

Case: TN v. Joseph Matthew Brewer

Case number: 2018-CR-34843

Attorneys: Robert H. Stovall Jr. & Paul J. Bruno

Expert testimony in video and audio analysis.

**MARCH 2019**

**DAVIDSON COUNTY, JUVENILE COURT – NASHVILLE**

Attorney: John Morris.

Case and case number unknown.

Testimony: Expert testimony in cell phone content analysis.