Shaun Trusler
Senior Control Programmer and Pre-Sales Engineer

Grounded and solution-orientated Programmer and Technical Engineer with a wide variety of professional experiences. Adept at motivating self and others. Passionate about Automation, Artificial Intelligence and educating the next generation of technology users.

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WORK EXPERIENCE

Senior Control Programmer and Pre-Sales Engineer
Wild and Marr (A Division of T.O.M.S. Sound and Music)
08/2021 - Present
Johannesburg, South Africa

Pre-Sales Role/Responsibilities

- QSC/Q-Sys Audio/Video hardware solution integrating QSC/Q-Sys hardware with 3rd party devices
- Offer Turn-key involvement from Solution Design to product replacement, programming/commissioning and handover documentation of our solution
- AMX Video hardware solution integrating AMX hardware with 3rd party devices with control

Control Programming/Configuration

EDUCATION

Higher Certificate in Information Systems (Software Development)
CTI
08/2008 - 09/2012 Johannesburg, South Africa

- C# Programming
- Java Programming
- MS SQL Server
- Creating Web Pages
- Perl
- Using Linux
- Software Engineering
- Hardware Essentials
- Program Design
- Relational Database Modelling & Design

PROFESSIONAL DEVELOPMENT

Development Projects

- Conceptualised, Developed and Manufactured an automatic camera switching solution using Ardiuno micro porcessor with ATEM for use with our Q-Sys

Role/Responsibilities

- Senior Programmer for all Q-Sys Control Instalations for Southern Africa
- Senior Programmer for all AMX Control Instalations for Southern Africa
- Senior Audio Engineer for all BSS Configurations for Southern Africa
- Netgear Network switch configuration for complete solutions – VLAN/AV over IP/QoS

Integrator Training Offerings

- Q-Sys Level 1 and Level 2
- AMX Netlinx Programmer Level 1 and Level 2
- AMX RMS Programmer
- AMX Installer – Control Systems and Commissioning
- SVSI Programmer
- BSS Audio Programmer Level 1 and Level 2
- BSS Audio System Design
- ADHOC training on all Wild and Marr product offerings not listed

Product Support and Repair

- Q-Sys Software Support – Remote/Onsite/In House
- Q-Sys Hardware Support – Remote/Onsite/In House
- Product Testing/Configuration
- Testing Q-Sys and AMX Products brought in from clients
- Hardware replacement/repairs for all Q-Sys and AMX products
- Ordering replacement parts from QSC/AMX
- RMA units to QSC/AMX
- Client Reports

audio DSP's and Calrec Broadcast units for podcasting and Visual Radio installations. A number of susyems are currently in use in live environments.
- Developed a Maintenance and reporting system using C# website front end, running off C# backend using SQL and MS Access database
- Developed a website for my wedding using HTML5/Javascript/CSS linking Google Script
- Developed a booking system for item repairs

SKILLS

C# Java HTML MS SQL Server

Perl Python GIT Markdown

Linux OS Windows OS Mac OS

Polycom Video Conferencing Networking

Audio/Visual Over IP

Audio/Visual Support

Kramer Automation Programming

System Design

Kramer Programmer Trainer

Video Conference Support

Desktop Support

LANGUAGES

English

Senior Kramer Programmer and Technical Support Engineer
Electrosonic SA
01/2017 - Present
Johannesburg, South Africa

- Lead Senior Kramer Programmer for Southern Africa
- Kramer Programming Trainer for Southern Africa
- Lead Kramer AV over IP Technical Engineer
- Kramer AV over IP Trainer for Southern Africa
- Lead Technical Support Engineer on all Product offerings
- Pro AV Systems Solutions Designer

Video Conference Engineer
Dimension Data
09/2012 - 12/2016
Johannesburg, South Africa

- Onsite Video Conference Engineer at Standard Bank Head Office Campus
- Remote Video Conference Room Assistance for all Standard Bank Branches in Southern Africa
- Lead and Managed the Audio/Visual and Video Conference team at the newly built Standard Bank Rosebank Office
- Managed the full hardware/software backend installation and configuration for the Polycom Video Conference infrastructure for Standard Bank
- Lead and managed the Disaster Recovery Testing/Maintenance process
- Developed a Maintenance and reporting system using

CERTIFICATES

- Q-SYS Architect
- Q-SYS Level 1
- Q-SYS Level 2
- Q-SYS Control 101
- Q-SYS Video 101
- Q-Sys Quantum Level 1
- AMX Programmer Level 1
- AMX Programmer Level 2
- AMX RMS Programmer
- AMX RPM Programmer
- DANTE Level 1 2nd Edition
- DANTE Level 2 2nd Edition
- DANTE Level 3 2nd Edition
- Audio Programmer Level 1 (Audio Architect)
- Audio Programmer Level 2 (Audio Architect)
- Kramer Control Systems Designer
- Kramer Control System Programmer
- Kramer AV Over IP Installer
- Kramer Audio Specialist
- PADI Divemaster
- PADI Open Water Scuba Instructor
- Emergency First Response Instructor

INTERESTS

- Automation
- Artificial Intelligence
- Virtual Reality
- Travel
- Mobile Applications
- Scuba Diving
- Hiking

C# website front end, running
off C# backend using SQL
and MS Access database

Desktop Support
Specialist
Standard Bank
08/2008 - 09/2012
Johannesburg, South Africa

- IT Helpdesk Support
  Engineer - Head Office
  Campus
- End-User Workstation
  Hardware Installation and
  Configuration
- Lead and managed the IT
  Department at a Satellite
  office for Private Client
  employees
- Executive and Mobile support
  team for Standard Bank
  Employees

Desktop Support Engineer
(Internship programme)
Investec Asset
Management
07/2007 - 6/2008   London,
United Kingdom

- IT Helpdesk Support
  Engineer
- Blade Server Hardware
  Installation and
  Configurations
- Create and design
  Wiki/SharePoint Pages