



Matrox – Video Product Group

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Overview

- Computer Science Major
 - Computer Systems
- Retired armature kickboxer
- Divorced single dad
- Coop Journey
- What Matrox Does
- Starting a Career at Matrox
- Personal and Professional Grow

Coop Journey

- Stage 1: Matrox – VPG – Process Team Intern
- Stage 2: Matrox – VPG – Process Team Member
- Stage 3: Matrox – VPG – Process Team Lead Developer

3rd Work Goals

- Step up to fill Lead developer role within the team
- Develop inter personal skills (team management)
- Establish reliability in work ethic and performance (outside of team)
- Demonstrate software design capabilities

Company And Role

Cooperate Structure

- Matrox { Graphics, Imaging, Video }
- VPG -> broadcasting industry
- Process Team:
 - Maintain Internal Tools/Infrastructure
 - Video over IP services
 - <3 years experience between 4 members

Team Structure

- Team Composition:
 - Supervisor (SCRUM Master)
 - Lead Developer
 - Developers
- My role: Lead Developer
- Outside Members:
 - Product Owner
 - OEM's representatives
 - Directory (Head of engineering)

Relation to Academic Training

- None, school focuses on technical basics, and theoretic understand. My role allowed me to work on projects touching a vast SDK and bleeding edge IP technologies
- Basics about multi-threading, parallel processing, agile/scrum, object oriented design all apply when working with multiple processes communicating over a network with other devices.
- Offer more advanced specialized classes. For Matrox specifically a real C++ class would serve a lot of good.
- Working with legacy code, clean code, good coding practices, etc.
- More large projects, small assignments do not allow for developing working skills, just test understanding.

Personal and Professional Growth

- Offer of Employment (Reason I entered Coop)
- Official Lead Developer (yay responsibility)
- Taken strides in leadership role, understanding strengths/weaknesses – career long goals
- Fairly good expressing ideas and concepts from a design
- Patients is not as strong as it could be, Tailoring approach when managing different individuals
- Life Changes but doesn't stop



Thank You!