Computer Science Professions

Jim Schroder

Overview

- About Me
- Technology at UPS
- Louisville IT Operations
- Application Lifecycle Management
- Application Development
- DIV “Dynamic Interactive Viewer”
- Q&A

About Me

Technology at UPS

UPS - WorldPort

Technology at UPS

- Headcount
- 435,000 (354,000 U.S.; 81,000 International)
- 4,000 IT worldwide
- 22,000 in Louisville
- 900 IT in Louisville
- Annual technology budget - $1 Billion

Technology in Louisville

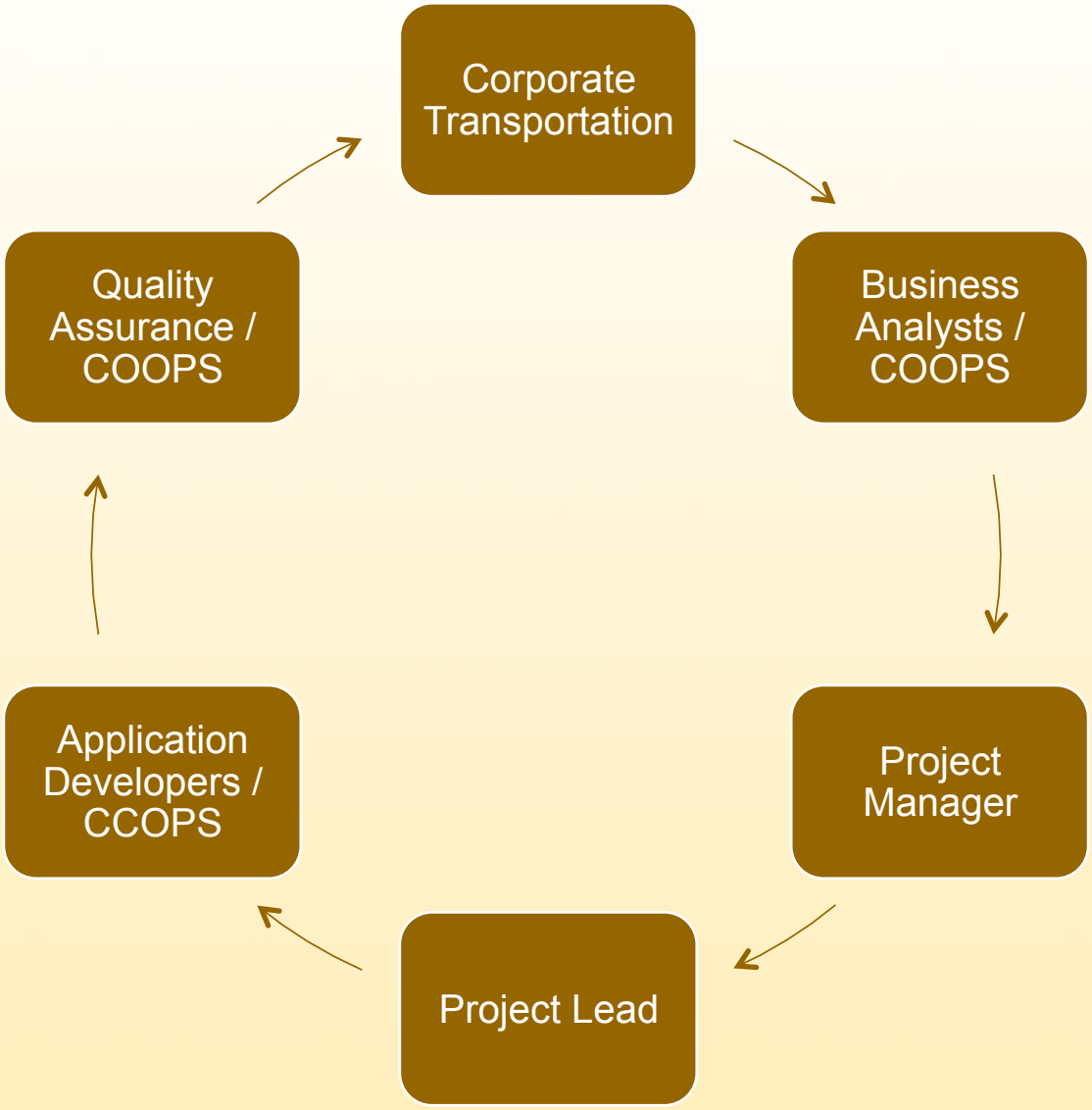
Transportation Technology Group

- Brokerage
- Ground Transportation Systems
- Airline (13th largest in World)
- Worldport – Louisville Hub
- Technology Support

Application Lifecycle Management

- Initiation
- Requirements
- Design
- Build
- Testing
- Agile vs. Waterfall
- Continuous build and support

Application Development



Co-ops and Careers available at UPSJOBS.com

Applications Development

⇒ Co-op

⇒ Application Development Associate

⇒ Applications Developer

⇒ Intermediate Applications Developer

⇒ Senior Applications Developer

⇒ Lead Applications Developer

⇒ Applications Development Manager

Quality Assurance

⇒ Co-op

⇒ Quality Assurance Tester

⇒ Quality Assurance Specialist

⇒ Quality Assurance Lead

⇒ Quality Assurance Manager

⇒ Architecture, Planning and Strategy
⇒ Computer Operations
⇒ Information Management
⇒ Telecommunications
⇒ Technology Support

Business Systems Analysis

⇒ Co-op

⇒ Business Systems Analyst

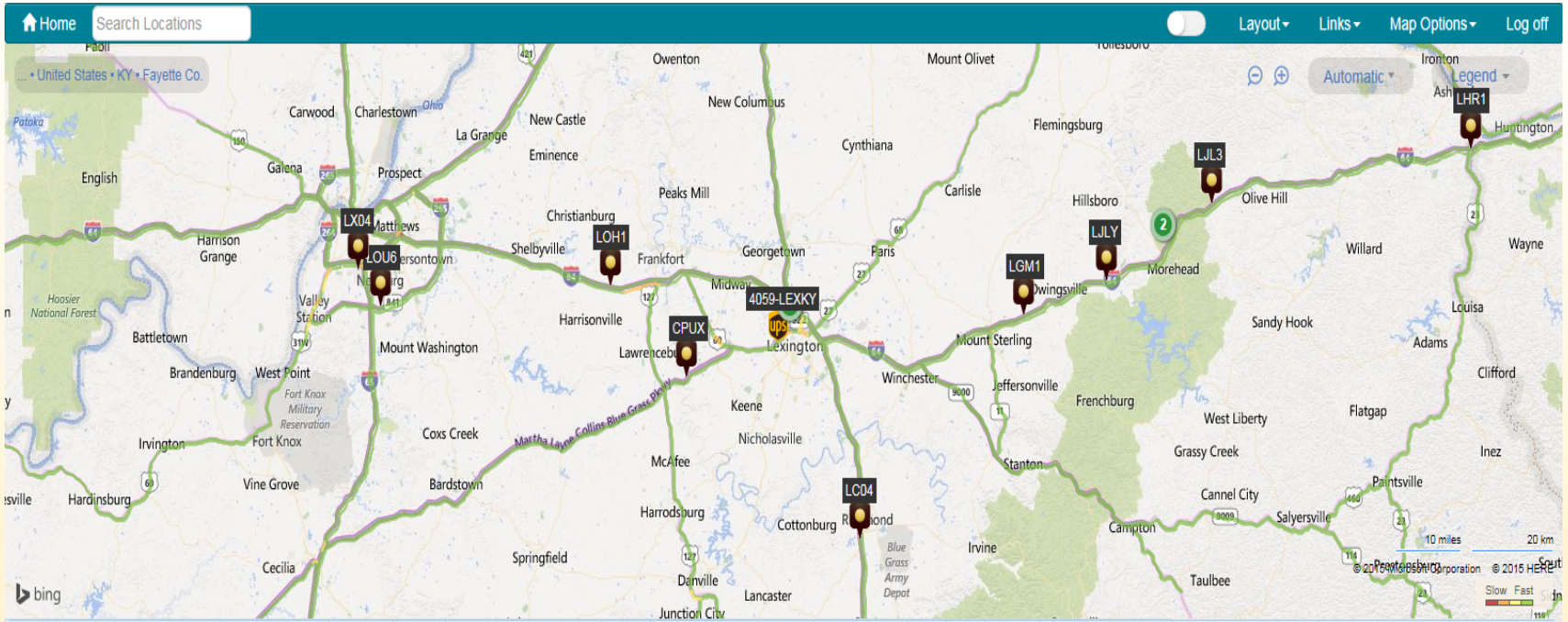
⇒ Senior Business Systems Analyst

⇒ Lead Business Systems Analyst

⇒ Business Systems Analysis Manager

New positions added daily, please visit UPSJOBS.COM frequently

Dynamic Interactive Viewer - DIV



ETA	Scheduled Departure	Scheduled Arrival	Auto Arrive	Status	Comments	Trailer	Trailer Type	Orig	Orig Sort	Dest	Dest Sort	Seq	PCS	%	Load Code	SVC	Unload Date	Source	SLOC	Job	Driver
			All		All				All		All				All						
08/26/15 16:18	08/26/15 12:45	08/26/15 12:45	✓	OnRoad		837167	ZZZ	4106	E	LEXKY	E	2	0	0 %	E	GRD	08/26/15	FDT TFCS GPS	4106	TDPX	BLACKBURN
08/26/15 16:23	08/26/15 17:37	08/26/15 18:07	✓	OnRoad		740824	X	AVOKY	C	LEXKY	T	1	1000	40 %	U	GRD	N/A	FDT TFCS GPS	AVOKY	CPU5	NAPIER
08/26/15 16:27	08/26/15 14:49	08/26/15 14:49	✓	OnRoad		887328	ZZZ	AGRKY	C	LEXKY	C	2	1	60 %	U	GRD	N/A	FDT TFCS GPS	AGRKY	CPUX	CURTIS
08/26/15 16:41	08/26/15 11:43	08/26/15 15:57	✓	OnRoad		308501 371019	WW WW	COLSC COLSC	T N	CCHIL CCHIL	D D	1 2	744 667	100 % 100 %	B B	GRD GRD	08/27/15 08/27/15	FDT GPS	NEPTN	LC04	COVERT
08/26/15 16:57	08/26/15 14:05	08/26/15 15:35	✓	OnRoad		317301	WW	WHITN	T	LEXKY	D	3	560	100 %	U	GRD	08/26/15	FDT HFCS TFCS GPS	LCHKY	LOH1	MIDDENDORF

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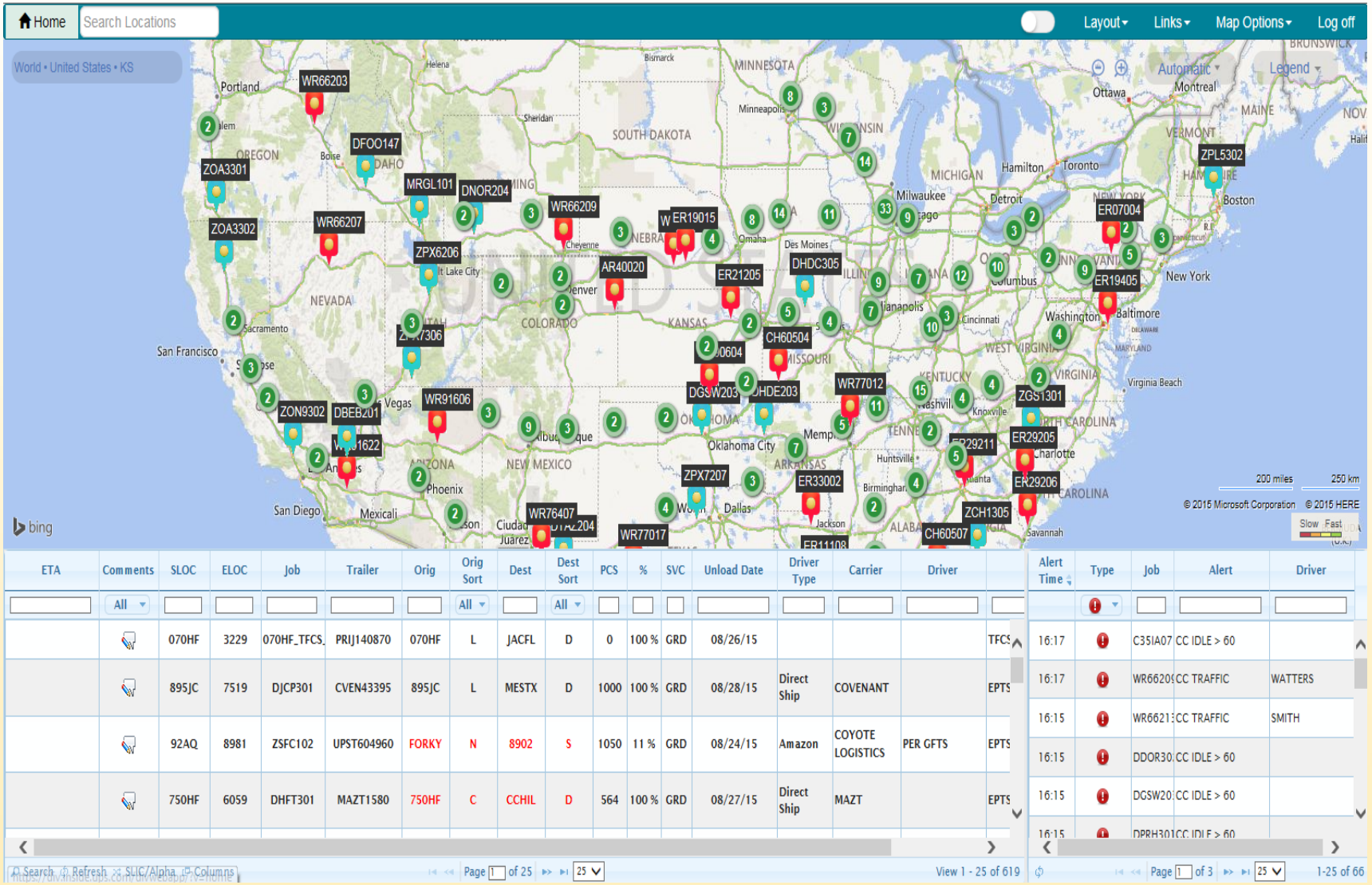
DIV – Sleeper Teams



ETA	Comments	SLOC	ELOC	Job	Trailer	Orig	Orig Sort	Dest	Dest Sort	PCS	%	SVC	Unload Date	Driver Type	Carrier	Driver	
	All						All		All								
		070HF	3229	070HF_TFCS_	PRIJ140870	070HF	L	JACFL	D	0	100 %	GRD	08/26/15				TFCS
		895JC	7519	DJCP301	CVEN43395	895JC	L	MESTX	D	1000	100 %	GRD	08/28/15	Direct Ship	COVENANT		EPTS
		92AQ	8981	ZSFC102	UPST604960	FORKY	N	8902	S	1050	11 %	GRD	08/24/15	Amazon	COYOTE LOGISTICS	PER GFTS	EPTS
		750HF	6059	DHFT301	MAZT1580	750HF	C	CCHIL	D	564	100 %	GRD	08/27/15	Direct Ship	MAZT		EPTS

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Alert Time	Type	Job	Alert	Driver
16:17		C35IA07	CC IDLE > 60	
16:17		WR6620	CC TRAFFIC	WATTERS
16:15		WR6621	CC TRAFFIC	SMITH
16:15		DDOR30	CC IDLE > 60	
16:15		DGSW20	CC IDLE > 60	
16:15		DPRH30	CC IDLE > 60	

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DIV Application Metrics

- 95,000+ Movements tracked per Day
- 2,700 Users across 2,560 Locations
- 320,000+ Activities Processed per Day
- 500,000+ GPS Messages Processed per Day

UPS - IT

Thank You & Questions

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