

# Curricular Development

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# Ray Villalobos

- Staff Author, Lynda.com
- Adjunct Instructor, Seminole State College
- Adjunct Instructor, Valencia Community College
- Author, Exploring Multimedia for Designers
- Director of Multimedia · Entravision
- Senior Interactive Producer · Tribune Interactive

# Staff Author, Lynda.com

- [17 Published Courses](#)
- JavaScript Focus
- Facebook Applications
- Front/Backend Technologies

# Adjunct Instructor

## Seminole State/Valencia

- Animations & Games 1,2,3
- Photography
- Mobile Web Applications
- Fundamentals of Interactive Design
- NEI Multimedia
- [Learning Management System](#)

# Director of Multimedia

## Entravision Communications

- Built a Network of radio/tv websites
- Social Media
- Streaming

# Senior Interactive Producer

## Tribune Interactive

- [Multimedia Presentations](#)
- Games
- Designed & Developed Websites

# Web Based approaches to Data Visualization

# Data Visualization

- Visual helps comprehension
- Web Technology makes data accessible
- Analysts need to learn tools
- Both technical and visual



# Data Visualization Examples

- [D3](#)
- [Timeline.js](#)
- [College Blitz](#)

# Data Visualization Technology

- Web HTML/CSS
- JavaScript
- Back End/Node/PHP/SQL
- Analyts need to learn tools
- Both technical and visual

# Data Visualization Information Design

- Infographics
- Audio/Video
- Photography
- UX Design

# Data Visualization Web Development

- Responsive Design
- Bootstrap
- jQuery Mobile
- PhoneGap