GEOFFREY M. CRITTENDEN

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WEB DEVELOPER / SOFTWARE ENGINEER

Agile Development | Ruby on Rails | JavaScript | HTML | CSS
Object-Oriented Design | TDD | RSpec | ActiveRecord | SQL

- RECENT SOFTWARE PROJECTS -

[CityPulse.io](#) | [Source Repository](#)
- Visualizing data from eight APIs to display a current snapshot of activity across Chicago using many technologies (Ruby on Rails, Javascript, WebSockets, Redis, Pusher, TwitterStream, Heroku, etc.).

Instant Meal Ordering | [Source Repository](#)
- Framework for a fast-food ordering mobile app to expedite the point-of-sale for restaurants, built with Ruby, Sinatra, Javascript, Ajax, HTML5 & CSS.

[shUR.Ly](#) | [Source Repository](#)
- A URL shortener built with Ruby, Sinatra, ActiveRecord, and Base64, deployed to Heroku.

- EDUCATION & TRAINING -

[Dev Bootcamp](#) | Chicago, IL   2013
- Nine-week intensive, full-stack web development apprenticeship.

M.S., [Digital Cinema](#) | [DePaul University](#)   2012
- Film & TV production focusing on the independent filmmaking model.

B.S., [Atmospheric, Oceanic & Space Sciences](#) | [University of Michigan](#)   2000
- Completed College of Engineering Core Curriculum.
- Concentrated in atmospheric technology, space systems design and orbital mechanics.

- PREVIOUS PROFESSIONAL EXPERIENCE -

Freelance Media Production Professional | [IMDb Profile](#)   2009 - 2013
- Worked for numerous film, TV and web productions in multiple roles, including Producer, Production Coordinator, Camera Operator, Location Manager, Location Scout & Production Assistant.

Defense Contractor | [BroadBay Group, Inc.](#)   2008 - 2009
- Operated airborne camera and provided aviation support for military units in training.
- Created an air-to-surface video streaming platform, utilizing RF and IP technologies, for clients to receive real-time video from in-progress operations.
- Co-authored Naval Special Warfare (SEALs) unmanned aircraft systems operating instruction.

Naval Officer / Combat Aviator | [U.S. Navy](#)   2000 - 2008
- Over eight years of experience in leadership, management, instruction, learning, planning, analysis and execution.