

GEOFFREY M. CRITTENDEN

WEB DEVELOPER / SOFTWARE ENGINEER

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Former Naval Officer and combat-seasoned aviator who has recently transitioned to software development. Over a decade of experience in leadership, management, planning, analysis, teaching and execution. Currently seeking opportunities to grow as a software engineer.

RELEVANT SKILLS

Ruby on Rails, Sinatra, JavaScript, AJAX, jQuery, SQL, ActiveRecord, HTML, CSS, Rspec, TDD, Object-Oriented Design, Git, Leadership, Planning, Decision-Making, Communication

RECENT SOFTWARE PROJECTS

[CityPulse.io](#) | [Source](#)

- Visualizing data from eight APIs to display a current snapshot of activity across Chicago using many technologies (Ruby on Rails, Javascript, PostgreSQL, WebSockets, Redis, Pusher, APIs, TwitterStream, & Heroku).

[shUR.Ly](#) | [Source](#)

- A URL shortener built with Ruby, Sinatra, ActiveRecord, and Base64, deployed to Heroku.

[Instant Meal Ordering](#) | [Source](#)

- Framework for a fast-food ordering mobile app to expedite the point-of-sale for restaurants, built with Ruby, Sinatra, Javascript, Ajax, HTML5 & CSS.

EDUCATION & TRAINING

[Dev Bootcamp](#) | [Chicago, IL](#) | 2013

- Nine-week intensive software training program centered on developing web applications with a primary focus on Ruby on Rails.
- Particular attention was given to pair programming, group projects, and agile workflow.

[M.S. - Digital Cinema](#) | [DePaul University](#) | 2012

- Completely digital 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 Manager, Camera Operator, Location Manager & 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 / Flight Instructor](#) | [U.S. Navy](#) | 2000 – 2008

- Over eight years of experience in leadership, management, instruction, learning, planning, analysis and execution.