

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, BatmanJS, SQL, ActiveRecord, HTML, CSS, Rspec, TDD, Object-Oriented Design, Git, Leadership, Planning, Decision-Making, Communication

RECENT SOFTWARE PROJECTS

[Kultur.com](#)

- E-commerce video streaming website built around a library of culturally significant titles, targeted to a refined audience of arts and culture patrons and aficionados. Built with Rails, BatmanJS, MogoDB and many other technologies.

[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.

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

[Software Engineering Apprentice](#) | [Big Astronaut](#) | [2014 - Present](#)

- Worked as a junior engineer on a team developing applications for clients. Implemented features and bug fixes as well as performed QA testing of features prior to release.
- Independently developed a personal application for periodic presentation and review.

[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.

[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.