



Fred Block | 720.432.2386 | fb@fredblock.com | github.com/blocknroll

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My goal is to join an innovative and collaborative team, and to apply my skills as a web developer and designer to help people solve their technical problems.

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## SKILL SET

**Development:** HTML5, CSS3, Bootstrap, JavaScript, JQuery, AJAX, Node, Express, Johnny-Five, Ruby 2, Rails 4, Sinatra, PostgreSQL, TDD, Agile processes

**Creative:** Adobe Creative Suite, Print Design, Photography, Videography, Music, Writing

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## CODE

**Testa-Rossa-Boxer** | [github.com/blocknroll/testbed](https://github.com/blocknroll/testbed)

A Nodebot project with web-based remote controls. A Raspberry Pi-based Express server hosts a mobile web UI with real-time control via web sockets. An Arduino manages controls via an H-bridge motor driver.

**Synthesis** | [github.com/blocknroll/synthesis-mockdata](https://github.com/blocknroll/synthesis-mockdata)

A project to explore Node.js, Event-Driven-Development, and real-time web sockets. An Express server listens for sensor information and updates a web dashboard in real time via socket.io.

**Kaleidoscope** | [kaleid-o-scope.herokuapp.com](https://kaleid-o-scope.herokuapp.com) | [github.com/blocknroll/Kaleidoscope](https://github.com/blocknroll/Kaleidoscope)

A two-week team project that finds a user's location on a map and plots nearby Instagram posts. The app uses AJAX to query the Instagram API with geolocation data and plots the results using Mapbox.js.

**Design Portfolio** | [portfolio.fredblock.com](https://portfolio.fredblock.com) | [github.com/blocknroll/portfolio](https://github.com/blocknroll/portfolio)

A portfolio site built with Rails for presenting a selection of my graphic design work.

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## PROFESSIONAL EXPERIENCE

**Founder + Designer** | Block Design, Neenah, WI 2/2010 – present

**Co-Founder + VP of Marketing** | Victory Lane, Cobbtown, GA 12/2005 – 2/2010

**Co-Founder + Designer + Audio Engineer** | Wrinkle Studios, Minneapolis, MN 8/1997 – 12/2005

**Graphic Designer** | Adstaff, Hudson & Associates, Neenah, WI 3/1995 – 8/1997

**Certified Flight Instructor** | Fox Valley Technical College, Oshkosh, WI 6/1995 – 5/1996

**Certified Flight Instructor + Aerial Tour Guide** | Sparta Aviation, Teterboro, NJ 7/1994 – 3/1995

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## EDUCATION

**Web Application Development with Ruby, Rails and JavaScript** 12/2014 – 9/2015

Turing School of Software and Design, Denver, CO

**Bachelor of Aeronautical Science, Cum Laude Honors** 9/1989 – 7/1993

Embry-Riddle Aeronautical University, Daytona Beach, FL

**Apprentice Graphic Designer** | Adstaff, Hudson & Associates, Neenah, WI 6/1985 – 9/1989