# Geoffrey Hale
## Web Developer
geoffreyhale@gmail.com

# Web Development

I have worked with PHP, MySQL, WordPress, HTML and CSS since 2009.
I design websites from scratch with PHP and JavaScript.

## NutFed Personal Development Blog

### WordPress Developer and Writer

**February 2015 - Current**
- Develop and maintain WordPress blog, install plugins, backup site and monitor performance.
- Publish weekly personal-development articles with home-made featured images.
- Promote site and articles, monitor traffic, optimize workflow.
- SEO, advertising, technical and strategic research.
- Live at: nutfed.com

`#WordPress` `#blog` `#content`

## ExWhite Chat Server, Game Portal

### Web Developer MEAN Stack

**January 2015 - Current**
- Using MEAN stack to build a chat server and game portal.
- Using Express back-end framework with Node.js server-side.
- Using Moonboots to serve project as single-page app.
- Using Bcrypt function for password security and user authentication.
- Using Templatizer for compiling our jade templates into vanilla client-side JavaScript functions.
- Weekly pair programming sessions with friend via Cloud9.
- Source available: github.com/exuberant/white

`#JavaScript` `#NodeJS` `#Express`

## 130 Words Free Online Daily Writing Tool

### Web Developer PHP5 PDO MySQL

### Web Designer Bootstrap

**October 2014 - Current**
- Backend from scratch using PHP5 PDO with MySQL.
- Frontend from scratch using HTML, CSS and Twitter Bootstrap.
- Source available: github.com/geoffreyhale/130words

- Live at: 130words.com

`#PHP` `#MySQL` `#Bootstrap`

# Futebol Brasileirao Soccer News Portal

## Co-Founder and WordPress Developer

**March 2012 - December 2013**
- Created Brazil's top news website for A-League Soccer.
- Built and maintained original WordPress site for team of writers.
- Utilized custom post types and custom forms.
- Maintained plugins, analytics and other peripheral services.

`#WordPress` `#blog` `#startup`

# Healthy Mind Heart Body Self-Help Blog

## WordPress Developer

**Summer 2009 - Current**
- Created my first WordPress blog.
- Inspired learning of HTML, CSS, PHP and MySQL.
- Wrote health and personal development articles.
- Led team of writers, promoters and developers.
- Survives with one writer who posts daily self-help articles.
- Live at: healthymindheartbody.com

`#WordPress` `#blog` `#content`

# Education

## BS Electrical Engineering Minor in Mathematics

**2004-2009 Northeastern University** Summa Cum Laude, 3.9 GPA

# Engineering

I have a BSEE 3.9 GPA and 5 years professional experience serving as an electrical engineer, software engineer, communication network systems engineer, and project manager. I have formal training and professional experience with software/firmware engineering/design/test/troubleshooting.

# Northrop Grumman Aerospace/Defense

## Communication Systems Engineer

**October 2014 - Current**
- Assisted in development of Java Application for testing communication network.

`#Java`

# AG Brothers LLC Medical Device Startup

### Engineering Contractor Design and Arduino Prototyping

**July 2014 - Current**
- Designing medical devices and prototyping with Arduino.

#Arduino #C/C++ #startup

# Raytheon Aerospace/Defense

### Electrical Engineer Rotator and Team Lead

**January 2010 - May 2012**
- C++ software test for F-15 radar jammers.
- Led team of engineers to design and build SharePoint solution for manager-reporting of EVMS.
- Certified in EVMS and managed master schedule for IT Solutions multi-level security design project.

#C++ #SharePoint

# Protonex Fuel Cell Solutions

### Electrical Engineer

**July 2008 - December 2008**
- Designed circuit and PCB layout for interface board to LCD control unit.

#circuit-design #pcb-layout

# Raytheon

### Tech Student

**July 2007 - January 2008**
- Test and troubleshooting FPGA Verilog code using Cypress Warp Simulator.

#FPGA #Verilog

# Bose

### Firmware Engineer

**July 2006 - December 2006**
- Regression testing for audio system firmware.

#firmware