

# Darrell A. Freeman

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[Github](#) | [LinkedIn](#) | [Portfolio](#)

*Full Stack Web Developer skilled at building eye-catching, responsive websites and apps that display well across all browsers. Able to push a project all the way from wire-framing to deployment, along with any accompanying maintenance needed.*

## TECHNICAL SKILLS

HTML, CSS, Bootstrap, Media Queries, JavaScript, jQuery, Firebase, APIs, JSON, REST, AJAX, Node.js, Express, React.js, React Native, GIT, Github, MongoDB, MySQL, C#, ASP/.NET, C, C++, Linux, the command line, computer science fundamentals, writing tests

## APPLICATIONS BUILT

### The Road to Nowhere

- An app similar to the arrival / departure screens in the airports, but for trains. The user is able to add a fictional train to the screen along with information regarding how often the train runs. The information is processed, and the arrival time of the next train, along with how many minutes away from the current time the train is, is then displayed.
- Tools used: HTML, CSS, Bootstrap 3, Javascript, JQuery, moment.js, Firebase
- Website URL: <https://nclespaul.github.io/Assignments/Assignment7/index.html>
- Github URL: <https://github.com/nclespaul/Assignments/tree/master/Assignment7>

### Full Stack Warrior

- A simple trivia game with a programming theme. The user starts the quiz and is given 60 seconds to answer 8 questions. The user answers the questions using different form input elements. Once the time is up, the numbers of correct and incorrect answers are displayed. The user then has the option of trying again.
- Tools used: HTML, CSS, Bootstrap 3, Javascript, JQuery
- Website URL: <https://nclespaul.github.io/TriviaGame/>
- Github URL: <https://github.com/nclespaul/TriviaGame>

### Friend Finder

- Friend Finder is an online dating app similar to E-Harmony, where the user answers a battery of questions and rates the intensity of their agreement or disagreement with a variety of statements. The users responses are collected and compared against a database of potential suitors. The logic built into the app then selects the most likely best match based on the similarity of the "friends" answers to those same questions.
- Tools used: HTML5, CSS3, Javascript, JQuery, Node.js, NPM's (express, path, body-parser)
- Github URL: <https://github.com/nclespaul/FriendFinder>

## EDUCATION

**Certificate, The Houston Coding Boot Camp – Full Stack Web Development** August 2017

*The University of Texas at Austin – Center for Professional Education in Houston, TX*

A six-month intensive certificate program focusing on: HTML5, CSS3, Bootstrap, JavaScript, jQuery, AJAX, JSON, Responsive Design, Node.js, Express.js, MySQL, MongoDB, Handlebars.js, React.js, C# / ASP.Net, Git, Heroku, Test Driven Development, User Authentication, and Computer Science Fundamentals.

**University of Massachusetts**

**Current GPA: 3.93**

Bachelors of Science, Information Technology – Programming Specialization

- Currently enrolled, expected graduation of Fall 2018

**North Carolina State University**

Spring 2014

Masters of Science, Materials Science and Engineering

**GPA: 3.71**

**West Virginia Institute of Technology**

Spring 2002

Bachelors of Science, Mechanical Engineering

## PREVIOUS EXPERIENCE

**Metallurgist / Failure Analysis Engineer** (Houston, TX)

February 2012 – March 2017

- **Wyman-Gordon Forgings**
  - Primary metallurgist and project manager for the General Electric account.
- **Element Materials Technology**
  - Perform failure analysis, conformance testing, and reverse engineering investigations on ferrous and non-ferrous materials utilizing Scanning Electron Microscopy, Energy Dispersive Spectroscopy, and mechanical, metallurgical, and chemical analysis techniques.

**Duty Manager**(Pat Tillman Memorial USO, Bagram Air Base, Afghanistan)

- **United Service Organization (USO)** August 2009 – July 2011
  - Responsible for supervising staff and volunteers for efficient running of the center as pertains to entertainment and supplies for soldiers and civilians.
  - Tutored active duty, guard, and reserve troops in math and science as a free program.

## CERTIFICATIONS

- Six Sigma Green Belt
- Passed the E.I.T. exam
- D.O.D Secret Clearance
- Forklift Operator – Certified with experience