

# Jeffrey M. Freeman

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Current Address:  
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**Education:** **Tennessee Technological University, Cookeville, TN**  
*Bachelor of Science*  
Major: Computer Science  
Concentration: Software and Scientific Applications  
GPA: 3.80  
Graduated: May 2014  
Honors: Magna Cum Laude, Dean's List (Fall 2010 – Spring 2014)

**Certifications:** **Oracle Certified Associate – Java SE 8 Programmer**  
Certified: 2018

**Experience:** **Freelance Work**

**Lyk-Nu Auto Collision & Service Center**

*Web Developer(July 2017 - current)*

Building a small website for the service center so people can make inquiries to the center and the center can contact and answer. It uses Java as its development platform, HTML, JavaScript, and CSS.

**Mike Freeman for Campbell County Mayor Campaign**

*Web Developer(remote) (May 2018 – August 2018)*

Building a campaign website for people to view the campaign's stances, allow for people to donate and contact the campaign.

**Contracts:**

**Edaptive Systems LLC, Owings Mills, MD**

*Software Developer(December 2014 - July 2015)*

On a project for the Centers of Medicare and Medicaid Services (CMS), developed an Oracle WebCenter Portal application which would allow medical facilities to submit inquiries and have them responded to by CMS personnel, and allow performance scores to be generated, reviewed, and modified by personnel for the Quality Incentive Program. The Project also contained a module to assign roles to users.

- Participated in design discussions on how to best implement the Business Requirements.
- Used JSPs, jQuery, AJAX, CSS3 to provide UI functionality.
- Utilized Spring 3.2 MVC Portlets to provide location of the views and respond to AJAX requests.
- Made use of SOAP Web Services to perform communication between Application layer and Data layer.
- Performed DAO layer transactions via Spring Integrated with Hibernate 4.0 through Contextual Sessions and wrote SQL queries to provide transactions.
- Developed unit tests using JUnit.

- Utilized Spring Security 3.2 to perform method level security.
- Made use of Serena Dimensions CM to handle version control.
- Built and deployed using Maven.

**Technologies:** JSPs, Spring MVC 3.2, Hibernate 4.0, JavaScript, jQuery, SOAP, PL/SQL, Oracle WebCenter Portal, Serena Dimensions CM.

### **American HomePatient, Brentwood, TN**

*Software Engineering Intern (September 2013 – May 2014)*

Designed and developed as part of a team an application on the Android platform to aid in management and tracking of American HomePatient medical assets.

- Created Design Documents such as User Stories, Unit Test Cases.
- Communicated with American HomePatient Developers to establish the requirements.
- Developed on the Android platform using Android 4.2 SDK.
- Utilized Spring for Android to communicate via RESTful Web Services the information needed to track the assets.
- Made use of CVS Repository to maintain version control

**Technologies:** Android 4.2 SDK, Spring for Android, CVS.

## **Online Coursework:**

### **Udemy.com Courses**

- C# .Net MVC 5 – Completed – 7/21/2017
- Java Master Course – Completed – 6/15/2018
- Angular 6 – Hiatus
- MongoDB – Not Started
- Python – Not Started
- Ruby on Rails – Not Started

## **Skills:**

C/C++/C#/Java  
Bash/AWK Scripting  
SQL/MySQL  
HTML  
Bootstrap  
JavaScript  
Office Word, PowerPoint, Excel  
JSPs  
Servlets  
Hibernate  
Spring  
Web Services(SOAP, REST)  
JUnit  
jQuery

**Activities:**

Sigma Phi Epsilon Fraternity (Fall 2010 – Spring 2014)  
Vice President of Residential Learning Community (Fall 2011)  
Project Head - Thanksgiving on the Mayflower (2011)  
Junior Marshal (Spring 2013)  
Senior Marshal (Spring 2013 – Spring 2014)  
  
Association of Computing Machinery (2011 – 2012)  
Secretary (Spring 2011 – Spring 2012)

**Links:**

**GitHub:** <https://github.com/CiSigep>  
**HackerRank:** <https://www.hackerrank.com/cisigep>