

# Tyler McCreary

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## ➤ Objective

- Obtain a Software Engineer position in a fast-paced environment with opportunity to advance within the company.

## ➤ Education

- Truman State University, Kirksville, MO
  - Bachelor of Science in Computer Science
  - Minor in Business Administration
  - Vice-President of Academic Affairs List
  - President of Academic Affairs List
  - Graduated with Honors in Computer Science
- Overall GPA: 3.82/4.00    Major GPA: 3.94/4.00**
- Fall 2012 & Spring 2013**  
**Spring 2014**

## ➤ Skills

- Proficient in Java, HTML, CSS, JavaScript, jQuery, REST, iOS, Swift
- Familiar with Angular, Ionic 2, React.js, Redux, Bootstrap, SCSS, Node.js, JSON, SQL, Android, C++, C#
- Experience with git, SVN, Github, and Bitbucket
- Efficient in adapting to new languages quickly

## ➤ Experience

### **AT&T – Associate Application Developer** **Specialist Application Developer**

**June 2015 – April 2017**  
**April 2017 - Present**

- Developed and maintained an internal web application to track the Software Resiliency Engineering (SRE) team's interactions and findings from other teams.
  - Nominated for the Making a Difference Program by the SRE team.
- Worked on a middleware layer of an application used by DIRECTV and U-Verse technicians to easily run network diagnostics.
  - Called APIs, exposed data in specific formats, and relayed error messages based on business requirements.
  - Mentored and helped onboard a new team member.
- Developed, enhanced, and maintained frontend for Intelligent Test Data Management (internal website). Wrote backend code, using MySQL and Java Spring, to create endpoints of communication with the frontend.
- Participated in two company-wide Hackathons.
  - Made a website to enable employees to view coworker's skills and their completed training.
  - Hackathon Finalist (top 7 of 33 teams). Created a multiplatform mobile application, using Ionic 2, to track dumpsters that need to be serviced or emptied. Utilized Google Maps APIs to optimize routes with multiple waypoints. Connected to an AT&T IoT Starter kit with a proximity sensor to query when dumpsters are full.
- Joined AT&T's Think-Tank Initiative.
  - Collaborated with others to invent more cost-effective methods to recognize and praise effective team members.
  - Assisted in formulating concepts to improve employee satisfaction by enabling an individual to shadow a particular position prior to their commitment to a new team.
- Languages and Technologies: Java, Angular, HTML, CSS/SCSS, Bootstrap, JavaScript, JQuery, Spring, MySQL, Ionic 2, JSON, XML, Motive Model and Overlay Builder, git, SVN, and assorted frontend web frameworks.

### **Cerner Corporation- Software Engineer Intern**

**May 2014 – August 2014**

- Completed multiple tasks utilizing Agile methodologies going through requirements, developing, and testing.
- Languages and Technologies: Java, HTML, CSS, JavaScript, JQuery, Eclipse, Clover, Maven, git, JIRA, Jenkins, and Crucible.
- Attended and participated in daily Scrum meetings.
- Collaborated with team members daily to better fulfill job criteria.

### **Hack Mizzou**

**October 2014**

- Awarded the best Android application out of 60 Teams.
- Created an Android application for users to share their geographic locations with friends. The receiver of a location can then get directions with one easy click of a button.

## ➤ **Outside Projects**

### **Personal Website**

- <https://tylermccreary.github.io>
- Created using Angular 2, Fullpage.js, Bootstrap, and Here Maps JavaScript API.

### **Vert for iOS (Multiplatform Application)**

**April 2016 – July 2016**

- <https://itunes.apple.com/us/app/vert-social-networking/id1125768379?mt=8>
- Enables users to find others around them based on location, then view their profiles and other social network profiles (Facebook, Twitter, and LinkedIn).
- In order to be energy efficient, location is monitored based on Significant Location Updates from the device.
- Uses Firebase and GeoFire for backend services.

### **Anchor (iOS Application)**

**June 2016 – July 2016**

- <https://itunes.apple.com/us/app/anchor-remember-your-favorite/id1133763169?mt=8>
- Anchor utilizes MapKit and GPS to enable users to find, save, and get directions to their favorite locations.