

Eager and motivated software developer. Quick to learn new technologies. Passion for solving problems and building interesting applications. Proven leader and enthusiastic team player.

**Projects:** <http://gregengler.com/projecthome.html>

**GitHub:** <https://github.com/gmengler>

## Education and Training

### **Colorado State University, May 2010**

Bachelor of Arts, History  
Awarded Army ROTC scholarship

### **U.S. Army Flight School,**

**October 2010 – January 2012**

Qualified Helicopter Pilot – UH-60A/L Black Hawk

### **Skill Distillery, January 2017 – May 2017**

Full-Stack Java Development Student

## Software Proficiency

### **Languages**

Java, JavaScript, HTML5  
CSS3

### **Technologies**

Spring MVC, REST  
AJAX, JSON, JPA, JPQL  
JDBC, Maven, Gradle  
Eclipse, NetBeans, AWS  
MySQL, PostgreSQL  
Swing, Linux

### **Frameworks/Libraries**

AngularJS, jQuery  
Bootstrap

### **Web Application/Server**

Apache, Tomcat 5+

### **Testing**

JUnit

### **Version Control**

Git, GitHub, CVS

## Certifications

CompTIA Security+  
Scrum Fundamentals

## Software Development Experience / Training

### ***ITEC, Software Engineer, July 2017 – Present***

*Subcontracted to Raytheon*

- Provide user requirements analysis, design, and programming support on Java based mission critical software.
- Development on new full-stack web application utilizing Java, PostgreSQL, and Tomcat.
- Refactor existing code to more object oriented design.
- Practice Agile methodologies with daily stand-ups, three week sprints, and team demos.
- Currently Scrum Master on two separate projects.

### ***Skill Distillery, January 2017 – May 2017***

- 16 Week immersive, hands-on program studying full stack Java development.
- 60-70 hours a week spent in lecture, labs, and weekend projects, both individual and group.
- Regularly practiced paired programming and became familiar with Agile methodologies.

## **Featured Projects:**

### ***Midterm Group Project – frugal, Week 10***

**GitHub Repository:** <https://github.com/gmengler/JPAMVCProject>

**Project:** <http://gregengler.com:8080/frugal/>

- CRUD (create, read, update, destroy) project which allows users to manage their bills and contribute to a shared “frugal” account
- Backend technologies: Java, JPA with Spring MVC and Gradle managed dependencies
- Frontend technologies: JSPs and JSTL/EL along with HTML, CSS, and Bootstrap
- Database was created using MySQL and MySQL Workbench

## **Final Group Project – stashly, Week 14/15**

**GitHub Repository:** <https://github.com/gmengler/stashly>

**Project:** <http://gregengler.com:8080/stashly/>

- Application where item collectors can keep track of their collectables and check their current market value on eBay using the eBay API
- Users can also view the initial purchase price of their item calculated with the current inflation rate
- Backend technologies: Java, JPA, Spring REST, and Gradle managed dependencies
- Frontend technologies: JavaScript, jQuery, AngularJS, HTML, CSS, Bootstrap, and ChartJS
- AJAX was used to consume data from RESTful web services asynchronously
- Database was created using MySQL and MySQL Workbench

## **Work experience**

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### ***Casella Waste, Operations Manager Trainee, September 2015 – January 2017***

- Utilized company routing software to reroute entire frontload line of business in Auburn, MA. Resulted in ~10% increase in productivity, drastic improvement in service, and opened market for growth.
- Suggested upselling to sales representatives when opportunities arose.
- Conducted numerous route audits, identifying and rectifying route and customer issues.

### ***Craftsy, Supply Chain Coordinator, January 2015 – June 2015***

- Tracked purchase orders across four different categories with 50+ vendors from the time the purchase order was confirmed until they reached our warehouse.
- Facilitated vendor relationships for new category expansions.
- Coordinated with buyers to build and enforce tailored compliance standards.

### ***Craftsy, Customer Support Associate, April 2014 – January 2015***

- Led department in number of help requests answered while maintaining satisfaction standard (96%+).
- Troubleshoot and resolved technical issues with users.
- Team lead for issues involving mobile devices.
- Won department group “innovation challenge” building a central knowledge base for various customer issues.
- Volunteered to assist product development and engineering teams in testing various website features.

### ***Aviation Officer, Colorado Army National Guard, August 2010 – September 2015***

#### ***Deployed to Kuwait in support of Operation Enduring Freedom, September 2012 – June 2013***

### ***Platoon Leader, April 2013 – September 2015***

- Platoon leader of 20+ soldiers; responsible for unit motivation, conflict resolution, communicating objectives, and performance reviews.
- Maintained \$40 million in aircraft and equipment resulting in 100% readiness.
- Troubleshoot technical issues relating to aircraft and radio equipment.
- Maintained schedules to ensure compliance with regulations for crew rest and maintenance were met while still meeting mission requirements.

### ***Operations Officer, May 2012 – April 2013***

- Supervised three soldiers processing mission requests while monitoring current operations.
  - Facilitated mission requests by working with customers, mainly VIPs, and coordinating with numerous entities to ensure all their requirements were satisfied.
  - Tracked/monitored 34 aircraft and six ground assets throughout nine countries resulting in zero dropped or late missions.
  - Assigned missions to flight companies through extensive knowledge of our customers, typically VIPs, and our unit capabilities.
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## **Volunteer Experience**

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***Dumb Friends League Animal Shelter, October 2013 – August 2015***

Photographer and dog walker

***Bethesda-Chevy Chase Rescue Squad, 2005 – 2007***

EMT/Firefighter