**Objective**

Enthusiastic computer engineer with job experience developing code in team oriented business environment. Seeking an entry level job position to gain additional experience and further develop upon computer engineering and programming background.

**Work Experience**

**Java Developer** September 2017 – January 2018

Linkware LLC, Alexandria, VA

* Implemented UI functionalities using Bootstrap framework and JavaScript allowing customers to easily navigate and access web page content
* Worked on back end/database development using JDBC API along with SQL methods to provide required information for front end configuration
* Assisted in configuring hibernate mappings from database tables to Java class files
* Aided with front end development on web pages using Struts2 framework in conjunction with Tiles API
* Used Agile software development process to coordinate with team on tasks and projects
* Kept project code files organized and easily manageable with project team using Git

**Education**

George Mason University, Fairfax, VA Graduated May 2017

Volgenau School of Engineering, Computer Engineering Overall GPA 3.27

**Technical Skills**

**Java Programming**

* Acquired knowledge of object-oriented and data structure programming concepts and principles
* Effectively developed software systems using Eclipse IDE and performed debugging techniques
* Performed software development in individual and team environments
* Implemented basic calculator with ability to add, subtract, multiply, and reverse sign of values
* Created unique list interface using properties of arrays and linked lists
* Developed sorting algorithm using binary search tree and hash table properties

**Additional Skills**

* C Programming • Python
* HTML/CSS • JavaScript/jQuery
* Hibernate/JDBC • SQL
* Struts2 Framework • Git

**Engineering Projects**

**Senior Capstone Project: Reaction Wheel Driven Aquatic Vessel**  August 2016 – April 2017

* Fabricated vehicle that implements internal reaction wheels to propel and maneuver vessel without need of external propellers or motors. Explores the concept of reaction wheels to drive aquatic and land robots
* Gained experience working with single board computer using Linux OS
* Developed python code to implement IMU communication to provide roll, pitch, and yaw orientation of vessel in real time while vessel is being operated
* Developed python code to provide motor control of robot using PWM signals to control speed of reaction wheels
* Assisted in designing 3D model of vessel using SolidWorks