Andrew Paettie

451 Lipizzan Lane Celina, TX 75009 (469)-263-7767 [paettiea@gmail.com](mailto:paettiea@gmail.com)

www.andrewpaettie.com

*I am a primarily back-end software engineer who is always on the lookout for opportunities to create and use innovative technologies to create scalable and maintainable applications.*

# **Education**

*The University of Texas at Dallas, Richardson, TX* ***GPA: 3.174 Major GPA: 3.876***

* Graduated with B.S. Computer Science in December 2015
* Interesting Courses Taken: Data Structures, Discrete Math, Algorithm Analysis, Machine learning, Artificial Intelligence, Computer and Network Security

# **Skills**

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| Programming | **JAVA** (including **J2EE**, EJB, JSP, **Spring**, **Spring-boot**, Swing, and **Android** SDK), **C/C++**, MIPS**,** Groovy(Grails), **Python, BASH, VBScript** |
| Web | **HTML**, **CSS, Javascript** (**AngularJS**, JQuery), Apache |
| Datastores | **SQL** (Oracle, MySQL, SqlServer, H2), Elasticsearch, Mongo, RabbitMQ |
| Misc. | Docker, Puppet, Zookeeper, AWS, SVN**, Git**, Unix command line tools |
| Operating Systems | Linux (Debian, Arch, RedHat and derivatives); Windows Server (2003/2008), OSX |
| Hardware | Building and repairing PCs, general hardware troubleshooting |
| Personal | Hardworking, dedicated, and results driven team player.  Absolutely love analyzing systems to find inefficiencies and faults. |

# **Select Academic Projects**

***2D* *Side Scroller Game in Java*** *(Computer Science II Spring 2013)*

* Led team: delegated roles to team members, planned and implemented general framework of program, managed time-lines
* Code on github: *github.com/cazlo/heli-madness*

**Additional projects available at *github.com/cazlo and www.andrewpaettie.com***

# **Select Work Experience**

**DealerTrack** *Software Engineer**(May 2015 – Present)*

* Develop and maintain micro-services which aggregate data and serve it in a scalable way
* Migrated core systems to a more modern tech stack for better maintainability and performance
* Integrated with automated deployment tools to support continuous deployment and integration
* Installed monitoring and alerting to get increased visibility into key performance indicators
* Created internal applications to ease troubleshooting issues and testing

**Capitalsoft, Inc** *Dev/Ops Intern* *(March 2014 – May 2015)*

* Generally participated in front end and back end development of J2EE application
* Designed and implemented interfaces for GIS and document management
* Implemented build process which cut build time by 75% and otherwise increased productivity
* Implemented automated regression testing system
* Setup and administered servers for SVN, Bugzilla, Oracle Database and Weblogic

**References Available Upon Request**