M. Mackenzie High

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I am interested in an entry-level opportunity in software development and/or software testing.

About Me:

Computer Science has been my passion since the tenth grade. If you review my open-source projects you will see that I have a proven track record of self-motivated development, testing, and documentation of large software projects. As you know, programmers that are only in it for the money are often a waste of money. Therefore, I encourage you to review my personal projects, which prove that I am a capable programmer that can benefit your business.

Education:

George Mason University – Fairfax, Va

- Major: Computer Science, B.S.
- Minor: Geography
- Grade Level: Senior - Final Semester
- GPA: 3.26
- Dean's List - Spring 2011
- Selected Courses: Databases, Artificial Intelligence, Compilers, Operating Systems, Data Mining GIS Systems, Microeconomics, Macroeconomics

My Open Source Projects - None of these are related to school.

Autumn (5 Years): www.mackenziehigh.me/autumn/

This is a statically-typed multi-paradigm general-purpose programming language that compiles directly to JVM bytecode. This is a major project involving nearly a thousand unit-tests, tens of thousands of lines of code, and extensive understanding of the Java Virtual Machine.

Snowflake: www.mackenziehigh.me/snowflake/

This is a parser-generator library and graphical grammar editor that facilitates interactive development of PEG-based parsers.

Additional Experience: *Red Cross Volunteer* (4 Years)

Technology Summary:

- **Primary Languages:** Java, C, Python, JavaScript, HTML, CSS, JSON
- **Former Languages:** C#, Visual Basic.Net
- **Libraries:** JUnit, ObjectWeb ASM, Guava, JQuery, Swing, Sat4J
- **Other:** Linux (My Primary OS), NetBeans, Emma, Eclipse, Git, Visual Studio
- **School Related:** SQL, Common Lisp, Scheme, Lua, Prolog, XML, XSLT, Yacc, JFlex, X86 Assembly, Weka, MatLab, Mathematica, ArcGis, Google Earth, etc