Hawk Weisman

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EDUCATION

Bachelor of Science
Double Major in Applied Computing & Environmental Studies
Allegheny College, Meadville, PA
expected 2016
3.6 GPA

LANGUAGES

Experienced with	Scala, Java, Python
Capable with	C, R, Lisp, SQL, HTML/CSS
Familiar with	Haskell, Go, CoffeeScript, JavaScript, Polymer

TOOLS

Build and CI	Gradle, Ant, sbt, Travis, Jenkins
Testing	JUnit, ScalaTest, Mockito, ScalaMock, JaCoCo, Scoverage
IDEs/Editors	SublimeText, Atom, IntelliJ IDEA, Eclipse
Source Control	Git, GitHub, GitLab

WORK EXPERIENCE

Lead Software Engineer 2014 — Ongoing
MeteorCode Laboratories, Meadville, PA

- Cofounded a small business to develop and publish independently-developed computer games.
- Developed a game engine in Scala and Java, contributing a majority of source code to the project.
- Set up and maintained a development environment using GitLab, Jenkins CI, and Gradle.
- Contributed to the design and development of a Web site, meteorcode.com, using HTML/CSS, SASS/SCSS, and Polymer.

SELECTED PROJECTS

Pathway Game Engine Spring 2014 — Ongoing
MeteorCode Laboratories
`https://github.com/MeteorCode/Pathway`

- Developed an open-source event driven game engine for the JVM platform.
- Implemented features such as file I/O, event system, and scripting systems.
- Contributed over 9,000 lines of Java and Scala source code.
- Designed an extensible architecture for a software development framework.
- Wrote a comprehensive test fixture using tools such as JUnit, Mockito, and JaCoCo.

Remote Collab SublimeText Plugin Spring 2014
CMPSC440: Principles of Operating Systems, Allegheny College
`https://github.com/TeamRemote/remote-sublime`

- Developed an open-source SublimeText plugin to facilitate remote pair programming.
- Contributed over 1,000 lines of python source code.

Filesystem Traversal Study Spring 2014
CMPSC440: Principles of Operating Systems, Allegheny College
`https://github.com/hawkw/traverse`

- Independently organized a research project to collect and analyze filesystem data.
- Programmed data-collection tools in Python.
- Prepared an IPython notebook to analyze and visualize data.
- Encouraged other students to voluntarily contribute datasets.

Knightingale Twitter Analysis System Fall 2013
CMPSC290, Software Engineering, Allegheny College
`https://github.com/TeamKnightengale/Knightingale`

- Collaborated with other students to create an open-source software system to analyze Twitter account archive data.
- Responsible for programming analytics and visualization, input/output, and unit testing.
- Contributed a majority of Java code to the project.
- Practiced Agile software development techniques.