

Galen Scovell

Entry-level Developer

contact		education	
phone (541) 933 0048 web galenscovell.github.io galen.scovell@gmail.com profiles github.com/galenscovell linkedin.com/in/galenscovell angel.co/galen-scovell		2015	Bachelor of Science in Biology University of Oregon, 3.5 GPA
		2015	Extracurricular Studies in Computer Science <ul style="list-style-type: none">University of California, Berkeley <i>CS 61A: Structure and Interpretation of Computer Programs</i>University of Helsinki <i>Object-Oriented Programming with Java</i>Princeton University <i>Algorithms and Data Structures</i>
		experience	
skills		2015	Bioinformatics Research Assistant University of Oregon Institute of Neuroscience <ul style="list-style-type: none">Designed and created a GUI data parser in PythonAnalyzes transcriptome of Cuttlefish (over 1 million entries)Elegant interface providing efficient search and graph/chart outputUtilizes Tkinter, Pandas, Matplotlib and Regular Expressions
proficient languages Java, Python		projects	
familiar languages Ruby, JavaScript		2015	Flicker galenscovell/Flicker <ul style="list-style-type: none">Endless dungeon crawler/roguelike in Java with the Libgdx libraryUtilizes procedural generation for unique level layoutsSprite rendering/animations, bitmask skinning, orthographic cameraPorted 2000 LOC original Java2D version to Libgdx/OpenGL, reducing memory usage by 37% and opening up graphical possibilities
web HTML/CSS, Django, PostgreSQL		2015	Cartographer galenscovell/Cartographer <ul style="list-style-type: none">Cave, maze and dungeon creator via cellular automata, coded in JavaSwing GUI with varied construction optionsUtilizes threads, interfaces and clean separation of responsibilities
game & android Libgdx, XML		2014	Personal Website/Portfolio galenscovell.github.io <ul style="list-style-type: none">Personal website and portfolio hosted on Github PagesHandcrafted from the ground up using HTML5, CSS3 and JavaScript
interests Full-stack web development, computational biology, bioinformatics, game design, learning and applying new technologies		2014	µblogger galenscovell/Django-Microblogger <ul style="list-style-type: none">Fully-featured blogging CMS hosted on HerokuCreated with Django, PostgreSQL, HTML5, CSS3, and JavaScriptAuthentication, post/comment create/edit/delete, searchbar
		2014	Wa-Tor galenscovell/Wa-Tor <ul style="list-style-type: none">Population dynamics simulation in Python with pygameUtilizes OOP design principles and event-driven game logic