

Galen Scovell

Entry-level Developer

contact		education
phone	2015	Bachelor of Science in Biology University of Oregon, 3.5 GPA
(541) 933 0048		
web	2015	Extracurricular Studies in Computer Science
galenscovell.github.io		<ul style="list-style-type: none">University of California, Berkeley
galen.scovell@gmail.com		<ul style="list-style-type: none">CS 61A: Structure and Interpretation of Computer Programs
profiles		<ul style="list-style-type: none">University of Helsinki
github.com/galenscovell		<ul style="list-style-type: none">Object-Oriented Programming with Java
linkedin.com/in/galenscovell		<ul style="list-style-type: none">Princeton University
angel.co/galen-scovell		<ul style="list-style-type: none">Algorithms and Data Structures
skills		experience
proficient	2015	Bioinformatics Research Assistant
Java, Python		University of Oregon Institute of Neuroscience
familiar		<ul style="list-style-type: none">Designed and created a GUI data parser in Python
Ruby, JavaScript		<ul style="list-style-type: none">Analyzes transcriptome of Cuttlefish (over 1 million entries)
projects		<ul style="list-style-type: none">Elegant interface providing efficient search and graph/chart output
mobile & game	2015	<ul style="list-style-type: none">Utilizes Tkinter, Pandas, Matplotlib and Regular Expressions
Android, Libgdx		
web		
Django, HTML, CSS		
data		
SQL, JSON, XML		
interests		
Mobile and game	2015	Flicker galenscovell/Flicker
development, computational		<ul style="list-style-type: none">Roguelike for Android and Desktop coded in Java with Libgdx
biology and bioinformatics,		<ul style="list-style-type: none">Utilizes cellular automata, JSON data serialization and bitmask tile
data visualization, learning		<ul style="list-style-type: none">skinning for unique procedurally generated levels, entities and items
and applying new		<ul style="list-style-type: none">Ported 2000 LOC original Java2D version to Libgdx, reducing
technologies		<ul style="list-style-type: none">memory and CPU usage while opening up graphical possibilities
	2015	Cartographer galenscovell/Cartographer
		<ul style="list-style-type: none">Cave, maze and dungeon creator via cellular automata, coded in Java
		<ul style="list-style-type: none">Swing GUI with numerous construction options
		<ul style="list-style-type: none">Utilizes threads, interfaces and clean separation of responsibilities
	2014	Personal Website/Portfolio galenscovell.github.io
		<ul style="list-style-type: none">Personal website and portfolio hosted on Github Pages
		<ul style="list-style-type: none">Handcrafted from the ground up using HTML5, CSS3 and JavaScript
	2014	µblogger galenscovell/Django-Microblogger
		<ul style="list-style-type: none">Fully-featured blogging CMS hosted on Heroku
		<ul style="list-style-type: none">Created with Django, PostgreSQL, HTML5, CSS3, and JavaScript
		<ul style="list-style-type: none">Authentication, post/comment create/edit/delete, searchbar
	2014	Wa-Tor galenscovell/Wa-Tor
		<ul style="list-style-type: none">Population dynamics simulation in Python with pygame
		<ul style="list-style-type: none">Utilizes OOP design principles and event-driven game logic