

# Bob Schriver

[bobschriver.github.com](https://github.com/bobschriver)  
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SKILLS	Ruby, Java, C, Python SQL, Javascript, Matlab, C++	
EDUCATION	B.Sc Computer Science - Rochester Institute of Technology	
EXPERIENCE	Amazon — Transportation Engineer	January 2014 – Present
	<ul style="list-style-type: none"><li>• Integrated with a geocoding system to allow carriers to define shipping areas and transportation times by polygons</li><li>• Migrated shipment counting system to Japanese market</li><li>• Created a Java application to update shipment counting system with new orders from website</li></ul>	
	Microsoft — Windows Phone Engineer	August 2013 – December 2014
	<ul style="list-style-type: none"><li>• Delivered a compelling software prototype for hover touch technology in C and C++</li><li>• Integrated hover touch into our existing C++ touch framework, exposing hover touch to UI layer</li><li>• Migrated Windows Gesture Recognition engine to Windows Phone</li></ul>	
	Booz Allen Hamilton — Research Intern	May 2012 – August 2012
	<ul style="list-style-type: none"><li>• Developed a comprehensive malware application for Android in Java and C</li><li>• Demonstrated capabilities for covert audio, video, and textual data gathering through the malware application</li><li>• Received training in reverse engineering Windows and Android binaries</li></ul>	
PROJECTS	Where Should I Live?	
	<ul style="list-style-type: none"><li>• Parsed online sources to create a database of bus frequencies, quality businesses, and apartment costs in Seattle</li><li>• Used data to create a heatmap of desirable locations in Seattle based on user preferences</li></ul>	
	Finding walking trails in satellite imagery	
	<ul style="list-style-type: none"><li>• Developed a program in Matlab to detect walking trails in a forested area from LIDAR and multi-spectral data</li></ul>	
	Bandcamp Radio	
	<ul style="list-style-type: none"><li>• Wrote a websockets server in Ruby to parse genre data from Bandcamp and provide lists of songs based on tags from the user</li><li>• Created a Javascript frontend to turn these songs into a web radio station</li></ul>	
	Trains to National Parks	
	<ul style="list-style-type: none"><li>• Used Mapbox to create a map mashup of Amtrak stations and National Forests and Parks to demonstrate the feasibility of a cross-country train tour</li></ul>	