

James Stoddard

EDUCATION	University of Washington, Seattle, Washington	
	B.S in Computer Science	GPA 3.86
	<ul style="list-style-type: none">Expected graduation date: June 2014	
	Notable courses	
	<ul style="list-style-type: none">Systems Programming, Operating Systems, Programming Languages, Data Management, Software Engineering, Probability and Statistics for Computer Science, Data Abstractions	
OBJECTIVE	To secure a position developing innovative software solutions for challenging data problems.	
PROJECT EXPERIENCE	Wind Tunnel Research Software	
	Undergraduate Research Leader	Winter 2010 – Spring 2011
	Built software for analyzing aerodynamic experiments. Leveraged Arduino and .NET platforms. Integrated hardware with the custom software. Successfully deployed apparatus.	
	Presented work at the University of Washington's Undergraduate Research Symposium.	
	Angular Momentum Simulation	
	Independent Physics Project	Spring 2011
	Created a simulation of a physical system in software and verified its performance empirically. Developed a dimensional analysis library for use in scientific computing. Interfaced with 3rd party APIs to programmatically monitor lab sensors.	
	reBook, a Textbook Trading Web Application	
	Project Lead / Backend Developer	Fall 2013
	Leading a team of developers on a software project of significant size. Conceived, proposed and specified the core ideas of the product. Engaged in backend development with the Ruby on Rails platform.	
	Desktop Publishing Business Solution	
	Architect / Developer	Summer 2006 – Spring 2008
	Produced requirements and specifications for a moderately sized business application. Designed software to unify the print and web publishing process for a small magazine. Gained experience: C#, .NET, SQL, database design, source control and web technologies.	
SKILLS	Strong Languages: Java, C, C#, Ruby, C++ Exposure: JavaScript, Haskell, ML, Lisp, Python Web: HTML, CSS, jQuery, JSON API, Rails, ASP.NET OS/Virtualization: Debian Linux (Ubuntu, Debian), Windows Server 2012, VMWare, Vagrant Graphics: Adobe InDesign, Adobe Illustrator, Solidworks Data: SQL, XML, Sqlite, MySQL, PostgreSQL, SQL Server Version control: Git, Subversion	
AWARDS AND RECOGNITION	Golden Key & Eta Kappa Nu Honor Societies	
	Member	2012-2013
	RealNetworks & David N. Cutler Scholarships	
	Recipient	2012, 2013
	Outstanding Undergraduate Research Achievement	
	Physics	2011