Matthew McGonagle

Technical Skills	C++, Python, Haskell, LaTeX, Sci-Kit Learn, TensorFlow, Jupyter Notebooks	
Tools	Vim, Git, GNU Debugger, Jekyll, Inskcape, GNU IMP	
Portfolio	GitHub Profile	https://github.com/MatthewMcGonagle
	Detailed Portfolio	https://matthewmcgonagle.github.io/cv/
	CVWriter	Haskell https://github.com/MatthewMcGonagle/CVWriter Takes XML style sheet with info for CV and outputs it to two formats: 1. A LaTeX .tex file to be converted to pdf. 2. A Jekyll compatible .html file.
	Quadratic Field Extension	C++ https://github.com/MatthewMcGonagle/QuadraticFieldExtension Library to allow infinite precision arithmetic for numbers made of any number of square roots, such as sqrt(1 + sqrt(2)).
	Hilbert Draw	Python https://github.com/MatthewMcGonagle/HilbertDraw Library to take a picture, and draw it using Hilbert fractal-like curves.
	Blog	https://matthewmcgonagle.github.io/blog/ Noteworthy Posts: 30 Oct 2017 - *Picture Effects in Tensor Flow* 21 Nov 2017 - *Random Traversal of A Binary Tree* 08 Dec 2017 - *A Pitfall of Errors in Parsec Package for Haskell* 03 Nov 2017 - *Drawing a Binary Tree Using Gradient Descent and a Potential Function*
Employment	2014 - 2017	Acting Assistant Professor University of Washington
Education	2010 - 2014	Ph.D., Mathematics Johns Hopkins University
	2008 - 2010	M.A., Mathematics Johns Hopkins University
	2004 - 2008	Dual Degrees at University of Maryland B.S., Mathematics B.S., Physics
Interests	Math, Bodyweight Exercises, Starcraft, Traditional Wet Shaving	