### **Technologies:**

dvlan@dvlex.net

Education

New York University, Department of Psychology New York, NY

• Teaching assistant for undergraduate and doctoral behavioral statistics

• 2012 Martin Braine Fellowship

California Institute of Technology Pasadena, CA

• Data modeling and fitting

Model-based reinforcement learning in humans, Cognitive Neuroscience, Nathaniel Daw advisor

• Machine learning

C, Haskell, \*sh, JavaScript, SQL, Scala, perl, R, OCaml, Java, C++, Matlab, python, scheme, Ruby, x86/x86\_64 Extensive knowledge of GNU/Linux, git, PostgreSQL, video, FreeBSD, NFS, TCP/IP, HTTP, HTML5, ...

## **Open Source:**

• Authored, maintain, and contributed to various projects (see github/dylex, dylex.net/src)

- Patches accepted to linux kernel, glibc, gcc, ghc, purescript, Play, git, ffmpeg, and many other projects
- Type-aware Haskell PostgreSQL interface; Android port of busybox and rsync (in CyanogenMod and others)

## Dylan Alexander Simon

• 2013 Douglas and Katharine Fryer Thesis Fellowship

Ph.D. 2012

**B.S.** 2003

• Functional Magnetic Resonance Imaging

# **Publications & Presentations**

Dylan A Simon, Andrew S Gordon, Lisa Steiger, Rick O Gilmore. In Proceedings of the 15th ACM/IEEE-CS.	Joint
Conference on Digital Libraries (JCDL '15), ACM 279-280.	2015
Aodel-based choices involve prospective neural activity.	
Bradley B Doll, Katherine D Duncan, Dylan A Simon, Daphna Shohamy, Nathaniel D Daw. Nature Neuroscience, 1	18(5)