CLAYTON STANLEY

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EXPERIENCE

Google, Workspace Mar 2019 - Present
Quantitative UX Researcher *US-Remote-TX*

· qUXR tech lead for google docs (4 quant/qual UXRs, >5 IX, >15 PMs).
· Uncovered insights from user logs to improve Google Workspace (>100 quant research projects).
· Worked with eng to build a self-service A/B measurement framework (minutes to insights v days).

Bloomberg, Terminal Design Jan 2015 - Mar 2019
UX Data Scientist *New York, NY*

· Uncovered insights from user logs to improve the design of the Terminal (>100 quant research projects).
· Worked with engineering to build a centralized analytics platform (>10 infrastructure usage datasets).
· Worked with engineering to improve self-service analytics tools for others (>100 people onboarded).

Rice University, Computer Human Interaction Laboratory May 2012 - Aug 2012
Research Programmer *Houston, TX*

· Enabled 50K lines of Macintosh Common Lisp (MCL) GUI code to run in Clozure Common Lisp (CCL). Implemented subset of the MCL GUI specification in CCL. 10-100x speedup in code run time.

Air Force Research Laboratory, Cognitive Models and Agents May 2009 - May 2012
Cognitive Scientist and Software Engineer *Dayton, OH*

· Enabled Teraflops of free computing power for the AF. Part of core MindModeling dev team that reimplemented the entire system between 2010-2011. 10,000+ SLOC. 10+ programming languages.
· Led first organization in AFRL to certify and connect to the Defense Research Engineering Network.

EDUCATION

Rice University *Jan 2015*
Ph.D., Cognitive Psychology, emphasis in modeling large-scale human behavioral datasets
Advisor: Dr. Michael D. Byrne, Overall GPA: 3.9

United States Air Force Academy *May 2007*
B.S., Applied Physics, emphasis in computational methods
Distinguished Graduate, Overall GPA: 3.8

MEMBERSHIP & SERVICE

· US Air Force Active-Duty Commissioned Officer *30 May 2007 - 31 May 2012*

TECHNICAL STRENGTHS

Behavioral/Physical Modeling	mathematical, statistical, cognitive simulations using Atomic Components of Thought-Rational (ACT-R)
Relevant Coursework	*Statistics*: logistic/linear/nonlinear/multivariate regression *Mathematics*: partial differential equations, discrete math *Psych*: engineering psychology, human factors, decision making *CS*: artificial intelligence, programming paradigms
Computer Languages	R, bash, make, SQL, common lisp
Programming Paradigms	macros, anaphoric/read/compile macros, DSL programming, closures, object oriented, functional, imperative, declarative, code parallelization, vectorization, and optimization
Tools	linux, docker, git, vim, data.table, python
Visualization Tools	ggplot2, tableau, d3
Team Processes	agile, scrum, daily standups, retrospectives, code reviews, bug tracking, pair debugging, test-driven development