

CLAYTON STANLEY

Google ◇ Ft Worth, TX
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EXPERIENCE

Google, Workspace

Sr Quantitative UX Researcher

Mar 2019 - Present

US-Remote-TX

- qUXR tech lead for Google Docs (advised 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

UX Data Scientist

Jan 2015 - Mar 2019

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

Research Programmer

May 2012 - Aug 2012

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

Cognitive Scientist and Software Engineer

May 2009 - May 2012

Dayton, OH

- Enabled Teraflops of free computing power for the Air Force. Part of core MindModeling dev team that reimplemented the 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

Ph.D., Cognitive Psychology, modeling large-scale human behavioral datasets, GPA: 3.9

Jan 2015

United States Air Force Academy

B.S., Applied Physics, computational modeling, GPA: 3.8

May 2007

MEMBERSHIP & SERVICE

- US Air Force Commissioned Officer, Captain, Honorable Discharge

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 | <i>Statistics</i> : logistic/linear/nonlinear/multivariate regression <i>Mathematics</i> : partial differential equations, discrete math <i>Psych</i> : engineering psychology, human factors, decision making <i>CS</i> : 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 |