Lior Bugatus

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Stanford, CA, USA

EXPERIENCE

A Stanford Ph.D Candidate in Neuroscience with 10+ years of rich experience in tech, research, and data analysis. Seeking challenging position as a data scientist where I can make valuable contributions with my current skillset, and preferably with room to grow into software development or deep learning. Open to physical relocation.

DIGITAL MARKETING ANALYST (INTERN)
JUN 2017 - AUG 2017

ELECTRONIC ARTS
• **Designed, coordinated, and analyzed internal tests** to answer specific questions in the field of digital marketing, including attribution models, ad performance, and campaign assessment.
• **Identified and resolved issues in incoming data pipeline**, severly affecting downstream analysis.
• **Distilled findings to actionable recommendations and key performance indicators**. Project findings lead to changes in KPI used for ad assessment and re-engagement campaign targeting.
• **Collaborated with teams and stakeholders** across the marketing division to understand and achieve project goals. Findings presented in detail to marketing teams and at executive level to division VP.

VISION RESEARCHER
SEP 2013 - PRESENT

STANFORD UNIVERSITY, VISION AND PERCEPTION NEUROSCIENCE LAB
• **Designed, programmed, and executed** behavioral and neuroimaging experiments to answer research questions in the field of human high-level vision in the brain. Experiment design included massive programming effort, as well as automated image processing and manipulation.
• **Data analysis, statistical testing and visualization** using R, Matlab, and fMRI packages. Constructed data processing and transformation pipelines, from raw neural data to interpretable metrics.
• **Used machine learning to classify visual categories** from massive multidimensional neural datasets.
• **Drove independent and collaborative research projects** from end to end, including conceptualization, implementation, analysis, and publication in peer-reviewed journals.
• **Presented research in global scientific conferences** such as SfN and VSS, both at talks and poster sessions, communicating findings to people with expert as well as casual understanding of the subject.

SENIOR SYSTEM ENGINEER
DEC 2012 - AUG 2013

RANDOM LOGIC
• **System supervisor, web-based Business Operations and CRM software.** Operated and maintained core infrastructure, and responsible for long-term lifecycle planning. Serviced teams spread globally.

ANALYST, SYSTEM ENGINEER
AUG 2008 - OCT 2012

VIEWFINITY
• **Performed product and market analysis**, similar to role performed in XOSoft.
• **Initiated, designed, and executed a complete redesign of virtualization infrastructure** of over 20 servers. Wrote hands-free automation scripts for server deployment, maintenance, and upgrade.

ANALYST, SR. SYSTEM ENGINEER
JAN 2006 - JAN 2008

XOSOFT / CA SOFTWARE
• **Performed product and market analysis** under development VP, providing technical insight for product integration with core or 3rd party products, competitor analysis, and market trends.

SYSTEM SUPERVISOR
NOV 2002 – NOV 2005

MAMRAM, IDF – ORGANIZATIONAL NETWORK INFRASTRUCTURE
• **System supervisor, Exchange messaging infrastructure.** Addressed and resolved tier 3 infrastructure disruptions, participating member in design committees, and liaison to corporate professional services.

EDUCATION

DOCTOR OF PHILOSOPHY
GRADUATING AUGUST 2018

STANFORD UNIVERSITY, CALIFORNIA
Psychology department, Neuroscience area
Vision researcher at Vision and Perception Neuroscience Lab

BACHELOR OF SCIENCE / ARTS
SEPTEMBER 2012

TEL-AVIV UNIVERSITY, ISRAEL
Brain studies program, neuroscience (Double major, B.Sc in Biology / B.A. in Psychology)
Magna cum laude

SKILLS

STATISTICAL ANALYSIS
• High proficiency with statistical analysis methods, e.g. ANOVA, t-test, linear models, logistic regression, nonparametric analysis, assumption testing, sampling methods, univariate and multivariate analysis
• Experience with machine learning (e.g. decision trees, SVM, clustering methods), dimensionality reduction (e.g. factor analysis, principal component analysis), and other advanced methods

SOFTWARE
• High proficiency with R, Matlab
• Experience with Tableau, Excel, Java, HTML, SQL, scripting, functional and object-oriented programming