

ANDREW PARISER

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Work Experience

LEARNUP (ACQUIRED BY MANPOWER GROUP)

Director of Engineering (2016 – 2017)

Managed entire engineering team; eight direct reports working on multiple projects

Other responsibilities: product management, hiring, organizational management, team building

Founding Software Engineer (2013 – 2017)

Wrote large portions of the learnup.com website, including: job seeker training platform, interview preparation product, hiring manager candidate and interview management tools

Built ETL that processed Fortune 500 client applicant tracking system data

Other responsibilities: A/B testing, data analytics, statistical modeling, user research

LEXITY (ACQUIRED BY YAHOO!, INC.)

Full-Stack Software Engineer (2010 – 2013)

Wrote large portions of the lexity.com website

Designed and implemented the Lexity API which provided an access layer to a store

Developed major components of system to automatically create, monitor and manage advertisements on behalf of ecommerce stores.

YAHOO!, INC.

Summer Intern in Advertisement Systems Development (2008)

STANFORD UNIVERSITY

Teaching Assistant (2008 – 2011)

TA for seven graduate-level classes; ICME Excellence in Teaching Award 2010-2011.

Research Assistant (2008 – 2011)

Research on Afghan War troop mobility and equilibrium analysis.

Research on sparse social networks as understood through mobile phone communication graph; analysis of limits of estimation as a function of spatial sparsity.

Research on synthetic aperture radar reconstruction approximation algorithm

Education

STANFORD UNIVERSITY

“ABD” Ph.D. and M.S. in Computational and Mathematical Engineering (2007 – 2011)

Selected Classes: Data Visualization, Interactive Data Analysis, Numerical Linear Algebra, Optimization, Algorithms, Information Networks, Partial Differential Equations (Theoretical and Numerical), Discrete Mathematics, Probability Theory, Stochastic Methods

YALE UNIVERSITY

B.S. in Physics and Applied Mathematics (2003 – 2007)

Graduated with Honors, Cum Laude, GPA: 3.80 (3.81 in Physics, 3.91 in Applied Mathematics)

Skills

Proficiency With: Ruby, Ruby on Rails, Javascript, SQL, MongoDB

Familiarity With: React / Redux, AWS, Python, C++, Java, Perl, Redis

Projects

TAKEYOURMONEYELSEWHERE.COM

Chrome extension /Firefox add-on which informs web browsers when they visit Trump affiliated websites

Research

IN DATA VISUALIZATION AND TOOLS FOR INTERACTIVE DATA ANALYSIS

“Trajectory Flow: A Tool for Exploratory Data Analysis of Trajectory Data”

Created a Protovis/Polymaps “mash-up” prototype for visualizing user movement history

“Itinerary Builder”

Created a Google Maps prototype that interactively presents travel data to ease the task of planning a trip

USING PATTERN RECOGNITION, DATA CLUSTERING AND STATISTICAL PREDICTION

“Skeletonization via a Biologically Motivated Data-Driven Process in Digital Binary Shapes”

Determined object skeletal meshes via self-organizing neural network with dynamically updating links

“Graph Clustering Heuristics on the Netflix Movie Data”

“Neural Networks for Collaborative Filtering on the Netflix Movie Data”

Performed statistical prediction of user film ratings with feed-forward neural network and cluster information

Presented at the International Joint Conference on Neural Networks 2007

USING STOCHASTIC MODELING

“Urban Sprawl: Modeling the Morphology of United States Cities”

Analyzed the effectiveness of city models at capturing observed morphological traits from census data

Proposed new model of urban morphology based on bond percolation on a square lattice with a radially-decaying link probability

Interests

Playing and watching sports

Cooking and eating

Traveling the world, especially to new places