

EDUCATION

Reed College - Portland, OR; 2006-2010

Bachelor of Arts in Mathematics.

Thesis - A Colorful Clustering: A Structural Analysis of Hartigan's Modal Method for Block Clustering

German Language Schools: Friedländer-Schule & Hartnackschule - Berlin, Germany; 2005

Completed courses German language.

Mississippi School for Mathematics and Science - Columbus, MS; 2003-2005

Public, admissions-based, residential high school for juniors and seniors.

EXPERIENCE

Lucky Sort Inc., Cofounder - Portland, OR; April 2011-March 2012

Addressed the design and implementation needs in a text analytics from day one to first round of funding. Worked on system architecture, IT, CI, QA, analytics, product design and client management. Primary creator and maintainer of text extraction and processing engine using nlp techniques and content detection algorithms.

Qmedtrix Inc., R&D Engineer - Portland, OR; July 2009-April 2011

Worked on a small team to develop a scalable platform for various medical billing operations in the insurance industry, such as fraud detection, adjudication, pricing, and automatic report generation.

Reed College, Teacher's Assistant - Portland, OR; Aug. 2008-Dec. 2008

Assisted the Introduction to Computing class taught in the Fall 2008 semester. Helped run computing labs, graded homework, and kept office hours for tutoring.

Texas A&M University, MCTP Participant - College Station, TX; Summer 2008

Selected to participate in a six-week, NSF-funded undergraduate program at Texas A&M (Mentoring through Critical Transition Points). Experienced gained in signal and image analysis, using Fourier analysis, wavelets, and computer software such as MatLab.

Gulf Coast Research Lab, Summer Intern - Ocean Springs, MS; Summers 2004-2006

Studied a parasite that lives on the skin of stingrays; Gave a lecture to the American Society of Parasitologists and the Mississippi Academy of Sciences; Worked on NSF grant: Small Grants for Exploratory Research (NSF Award No. 0608603).

KEYWORDS

Python, Scala, R, SQL, Javascript, LaTeX, PostgreSQL, MySQL, MongoDB, Emacs, Linux (Debian-based), git, ggplot, Redis, Kafka, Jenkins, Rabbitmq, distributed design, agile, test-driven development, information science, data visualization