Hannah Fouasnon

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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

Friedländer-Schule - Berlin, Germany; 2005
Completed course of study in German language.

Hartnackschule - Berlin, Germany; 2005
Completed course of study in 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
Currently addressing the design and implementation needs of a tech startup for both product and client work.

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 Transistion 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, Java, SQL, Javascript, LaTeX, Emacs, Linux (primarily Debian-based), git, ggplot, Postgresql, Mongodb, Redis, Rabbitmq, distributed design, agile, information science, data visualization