Matthew Cadier Kim

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OBJECTIVE

I am seeking an internship that will allow me to gain experience with data analytic and statistical tools, as well as familiarize myself with their industry applications. I would like the opportunity to exercise my statistical programming skills on more commercial projects and demonstrate my ability to communicate and techniques and results.

MATHEMATICAL INTERESTS

Wavelets and Signal Processing Algebraic Statistics
Probability Theory
Categorical Data Analysis
Computational Learning Theory

EDUCATION

San Francisco State University

❑ M.A. in Mathematics, 2013
   Emphasis in statistics, data analysis and algebraic statistics.
❑ B.A. in Philosophy, May 2012
   - Minor in Mathematics
   - Math GPA: 3.63

Universtite de Paris 1

Exchange in dept. of Logic, 2010-2011

   - History of Mathematics, Logic

EXPERIENCE

Spring	2012	Tutor, Precalculus, Physics - Mission High School
Fall	2011	Tutor, Precalculus -Balboa High School

RECENT COURSEWORK

❑ **Data Structures**
   Advanced Java programming and an introduction through implementation of basic data structures such as stacks, queues, deques, trees, and hash tables.
❑ **Introduction to Wavelets and Applications**
   Research based course in the foundations and applications of the Wavelet transformation in signal processing. Established a solid foundation in the problems of signal processing as well as Matlab based analysis using the Wavelet transform.
❑ **Non-Parametric Statistics (Categorical Data Analysis)**
   Examination of categorical data analysis methods and their applications to data sets from social sciences and biomedical research. Applied projects implemented the methods in the R programming language.

TECHNOLOGY SKILLS

Java
R programming
Latex Typesetting
Languages: English (Native), French (Fluent written and oral)

REFERENCES

Serkan Hosten, Professor of Mathematics, San Francisco State University, `serkan@sfsu.eu`