Anthony Mendes

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Objective

Secure a data scientist position with an innovative organization in the San Francisco bay area.

Education

Bachelor of Science in Mathematics, Spring 2018 (expected)
Cal Poly, San Luis Obispo, California.

Relevant course work includes advanced courses on

- Data Science
- Numerical Analysis
- Matrix and Linear Algebra
- Nonparametric and Parametric Statistics
- Design and Analysis of Algorithms

Senior project analyzed Neilsen television ratings data from the Tennis Channel to determine which tennis matches would yield the highest ratings. The project involved significant data processing, computer programming, various regression models, and the singular value decomposition.

Employment

Intern Software Developer, Summer 2017
Amazon-SLO, San Luis Obispo, CA

Responsible for preparing data acquired from user shipping addresses in order to decide the optimal locations for new shipping centers.

Research assistant, Summer 2016
Mathematics Department, Cal Poly, San Luis Obispo, CA.

Hand selected to work in a paid summer research position under the direction of Professor Smith. Our project was to investigate the relationship between the Robinson Schensted algorithm and a theorem concerning permutation inversions.

Workshop Leader, 2015–2017
Mathematics Department, Cal Poly, San Luis Obispo, CA.

Led discussion sections for students in Calculus I, II, and III. Consistently rated by students as excellent with clear communication skills.

Technical Skills

- Python with pandas and scikit-learn
- LaTeX
- Significant formal training in mathematics
- Some experience with Java, C++

Activities

- Society of Women Engineers, 2014–2017
- Math Club, 2014–2017
- Cal Poly Active Minds club, 2014–2016
- Dorm resident advisor, 2014–2015
- Piano enthusiast