Contact

www.linkedin.com/in/
salexander11272 (LinkedIn)

Top Skills

Statistical Inference
R
SQL

Honors-Awards

Outstanding Senior Award

Graduated Summa Cum Laude

Graduated with Mathematics
Department Honors

Presidential Scholar

Schmid Talent Scholarship Recipient

Publications

On the Structure of Generalized
Effect Algebras and Separation
Algebras

Sarah Alexander

Data Scientist
Irvine, California

Summary

Emerging statistician looking to use my skills in mathematics and programming to work with data and extract valuable insights for an employer. I am quick to pick up on new concepts and I am eager to learn and further develop my abilities.

Experience

GrandPad
Data Scientist
January 2018 - Present (2 years 3 months)
Orange County, California Area

Query, analyze, and report on company data

Chapman University
Mathematician
May 2017 - Present (2 years 11 months)
Orange County, California Area

• Published and presented research on effect algebras and their various generalizations

• Developed and optimized an orderly algorithm for constructing generalized pseudoeffect algebras in Python

• Link to our publication: https://link.springer.com/chapter/10.1007/978-3-030-02149-8_10

Chapman University Office of Undergratuate Research and Creative Activity (OURCA)
Student Ambassador
August 2017 - May 2018 (10 months)
Orange County, California Area

• Spoke at presentations letting Chapman students know how to get involved in undergraduate research and

guides workshops teaching basic research skills

• Volunteered at research-related events such as Student Research Day and Lunch with a Professor

Chapman University Schmid Student Leadership Council (SSLC)
Council Member
May 2017 - May 2018 (1 year 1 month)
Orange County, California Area

• Worked as an ambassador for students of Schmid College of Science and
Technology by providing input at council meetings and by representing the
college at events such as Discover Chapman Day

Office of Undergraduate Research, Chapman University
Summer Undergraduate Research Fellowship (SURF) Fellow
May 2017 - August 2017 (4 months)
Orange County, California Area

• Selected as one of sixteen Chapman students participating in this paid, on-
campus research fellowship
• Conducted research in the field of partial algebras with fellow student Nadiya
Upegui and Dr. Peter Jipsen
• Made discoveries during fellowship that were included in further research and
eventual publication
• Presented findings to fellow Chapman students and faculty at the end of the
fellowship

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Education

California State University, Fullerton
Master of Science - MS, Statistics · (2018 - 2020)

Chapman University
Bachelor of Science - BS, Mathematics and Computer Science · (2015 - 2018)