BENJAMIN DRAVES

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EDUCATION

Lafayette College   *August 2014 - Present*
B.S. in Mathematics, Minor in Computer Science   Overall GPA: 3.8 (In Major: 3.8)

EXPERIENCE

Consulting   September 2015- Present
Consultant   *Easton, PA*

· Crayola.com- Offered analytical solutions to Crayola's marketing team to optimize online sales and advise marketing strategies.
· Easton Area Neighborhood Center - Designed, piloted, and distributed a public opinion survey to inform future programming of EANC.
· Easton City Schools- Analyzed the effects of the Classroom Diagnostic Tool (CDT) on student's Keystone exams to inform circular design of ECS.

Research   June 2015 - Present
Undergraduate Research Student   *Easton, PA*

· Tempo of the Times - Conducted original research examining the connection between musical compositions and the social climate. Research was presented at Bucknell Digital Scholarship Conference. Hosted at `tempoofthetimes.com`.
· EXCEL - Preparing to conduct research with Dr. Trent Gaugler on Treelet Covariance Smoothing with an application is genetic clustering.
· Github Project- My other current projects can be found on my blog: `dravesb.github.io`.

RELEVANT COURSEWORK

Mathematics: Transition to Theoretical Mathematics, Differential Equations & Linear Algebra, Vector Spaces, Abstract Algebra, Real Analysis, Complex Analysis

Statistics: Probability, Statistics, Mixed Effect Modeling, Time Series Analysis, Survey Design & Analysis, Operations Research

Computer Science: Introduction to Computer Science, Data Structures and Algorithms, Agent Based Modeling

PROGRAMMING CAPABILITIES

Proficient: Java, R, SAS
Intermediate: Python
Typesetting: Latex, Microsoft Office

ACTIVITES & HONORS

Pi Mu Epsilon	March 2015 - Present
Founding Member of the Statistics House	August 2015 - Present
Treasurer of the Mathematics Club	August 2015 - Present
Treasurer of College Democrats	August 2015 - Present