

# BENJAMIN DRAVES

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<https://github.com/dravesb>

## EDUCATION

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### Lafayette College

B.S. in Mathematics, Minor in Computer Science

*August 2014 - Present*

Overall GPA: 3.8 (In Major: 3.8)

## EXPERIENCE

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### Consulting

*Consultant*

September 2015- Present

*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

*Undergraduate Research Student*

June 2015 - Present

*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](http://tempoofthetimes.com).
- EXCEL - Preparing to conduct research with Dr. Trent Gaugler on Treelet Covariance Smoothing with an application in genetic clustering.
- Github Projects- My other current projects can be found on my blog: [dravesb.github.io](http://dravesb.github.io).

## RELEVANT COURSEWORK

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**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

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**Proficient:** Java, R, SAS

**Intermediate:** Python

**Typesetting:** Latex, Microsoft Office

## ACTIVITIES & HONORS

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Pi Mu Epsilon

Founding Member of the Statistics House

Treasurer of the Mathematics Club

Treasurer of College Democrats

March 2015 - Present

August 2015 - Present

August 2015 - Present

August 2015 - Present