

## Duttaabhinivesh (Abhi) Devathi

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### Objective

To seek a data analytics internship or co-op experience during Summer 2018.

### Education

Case Western Reserve University, Cleveland, OH May 2019

Bachelor of Science in **Applied Mathematics** GPA: 3.49/4.00

Masters of Science in **Applied Mathematics** May 2019

### Relevant Coursework

Introduction to **Scientific Computing**

Linear Algebra

**Data Mining and Pattern Recognition**

**Probability**

Data Structures

**Numerical Linear Algebra**

**Computational Inverse Problems**

### Work Experience

#### Data Science Research Assistant

January 2017 – Present

Solar Durability and Lifetime Extension Center, Dr. Laura Bruckman

Cleveland, OH

- Poster presentation at **CWRU-Tohoku Data Science Symposium**
- Use **R** to analyze FTIR spectrum data of materials and use PCA to reduce noise
  - ggplot2, tidyverse, hyperSpec, netSEM (lab's package)

#### Peer Tutor

August 2017 - Present

Educational Services for Students, Case Western Reserve University

- Taught theory of Linear Algebra, and other high-level math classes to college students
- Worked closely with 3 students; brought their grades from C to A within two exams

#### Marketing Assistant

December 2016 – August 2017

Department of Music, Case Western Reserve University

Cleveland, OH

- Managed Google Calendar, Facebook page, wordpress site for music.case.edu
- Communicated between faculty, ensemble members and supervisor to update calendar regularly

### Leadership and Community Involvement

#### Judicial Chair

December 2016 - Present

Beta Theta Pi – Lambda Kappa-Beta

Case Western Reserve University

- Chair of the judicial committee: handling cases that come to the chapter with 4-man committee
- Responsible for judicial proceedings, upholding of standards and event planning to foster brotherhood

### Skills

#### Programming

Java, **R**, Matlab, Unix, Git, SQL, Mathematica

#### General

Excel, Adobe Lightroom, Photoshop, LaTeX

### Academic Honors and Awards

**Junior/Senior Scholarship** (Case Alumni Association) – Nomination of professor in Math Department

**SURES** (May – August 2017) – Research scholarship focused in Energy and Sustainability