

# Kyle Moore Wetzler

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## Education

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### Schreyer Honors College, Pennsylvania State University

College of Engineering & Eberly College of Science

University Park, Pa

Intended Graduation May 2020

Majors: B.S. Computer Science, B.S. Mathematics

GPA: 3.79

Minor: Physics

Awards: President's Freshman Award, Dean's List (7 Semesters), 5<sup>th</sup> Place CodePSU 2019  
Academic Excellence Scholarship, Julius & Gail Green Academic Excellence Scholarship

## Skills & Proficiencies

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### Technical Abilities

Languages: Python, Java, C, C++, JavaScript, HTML, Swift, SQL

Platforms & Frameworks: AWS, Django, Docker, Certified Dell Boomi AtomSphere Developer

## Experience

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### The Pennsylvania State University Dance Marathon (THON)

Pennsylvania State University

Technology Captain – Systems Administrator

April 2019 - Present

- 1 of 3 System Administrators responsible for the full migration and maintenance of a 9 server web infrastructure to Amazon Web Services, hosting THON's global web presence across 4 websites
- Built out CI/CD Pipeline using AWS Fargate to deploy containerized Django-based web applications which handled ~2.7 million requests and a peak of ~2,500 requests/min during the 2-day THON Weekend
- Implemented fault tolerant Database infrastructure using Amazon RDS and SQL Database Replication

### KPMG

Tyson's Corner, Va

Software Engineering Intern

June 2019 - August 2019

- Worked as a Java developer on an Agile design process to develop a full stack application to calculate and manage housing assistance payments of a 22 Billion dollar budget for millions of families
- Develop API for backend services to support user interface functionality and backend nightly batch jobs in Spring Integration and Spring Batch to accurately compute proper housing assistance payments

### Dell Boomi

Chesterbrook, Pa

Software Engineering Intern

May 2018 – August 2018

- Developed a mobile and desktop workflow automation to allow Sales Engineers to log their new sales opportunities and leads more efficiently than in Salesforce (their current CRM at the time)
- Collaborated with the Support organization to create monitoring and alerting tools to automatically gather diagnostic info. on a client's platform issues upon creating a new ticket, handling over 100 tickets a week

### Independent Projects

University Park, Pa

Software Engineer

November 2018 – Present

- Designed creative personal website using bootstrap and JavaScript animations hosted on GitHub
- Created Math inspired JavaScript application to simulate Fourier Series approximations

## Involvement & Leadership

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### The Presidential Leadership Academy

Pennsylvania State University

Member

April 2017 - Present

- Distinguished 3-year Certificate Program accepting only 30 students each class
- Learn the key tenants of leadership, and develop relevant public policy through coursework taught by the President of the University, the Dean of the Honors College, and distinguished faculty

### Men's Club Volleyball

Pennsylvania State University

President

May 2019 - Present

- Operate with ~ \$30,000 budget, managing a nationally competitive 26 man roster traveling in over 8 tournaments yearly, completing community service, and developing leadership