

## Education

Current **Ph.D. in Computer Science**, *University of Maryland, College Park*.  
Advisors: Dr. John P. Dickerson and Prof. Aravind Srinivasan.

2016 - 2019 **B.Sc. in Applied Mathematics**, *University of California, Los Angeles (UCLA)*.  
Specialization in Computing

## Research Experience

Summer 2020 **Center for Research on Computation and Society (CRCS)**, *Harvard University*.  
Advisors: Prof. Milind Tambe and Dr. Rediet Abebe.

Summer 2019 **Research in Industrial Projects for Students (RIPS)**, *UCLA*.  
Co-sponsored by UCLA's Institute for Pure and Applied Mathematics (IPAM) and Google LA.

2018 - 2019 **Undergraduate Research**, *UCLA*.  
Advisor: Prof. Mason A. Porter

2018 - 2019 **Undergraduate Research**, *UCLA*.  
Advisor: Prof. Andrea L. Bertozzi

Summer 2018 **Research Experience for Undergraduates (REU)**, *UCLA*.  
Advisor: Prof. Andrea L. Bertozzi

2017 - 2018 **Undergraduate Research**, *UCLA*.  
Advisor: Prof. Andrea L. Bertozzi

Summer 2017 **REU**, *UCLA*.  
Advisor: Prof. Andrea L. Bertozzi

Summer 2016 **REU**, *UCLA*.  
Advisor: Prof. Andrea L. Bertozzi

## Teaching Experience

2019 - 2020 **Teaching Assistant**, *University of Maryland*.

- CMSC320: Introduction to Data Science
- CMSC 420: Introduction to Artificial Intelligence

2014 - 2019 **Math Tutor**, *Los Angeles*.

2017 - 2018 **Building Engineers and Mentors (BEAM)**, *UCLA*.

2015 - 2016 **Environmental Education Intern**, *Audubon Society*.

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## Publications

- In Review Incorporating Healthcare Motivated Constraints in Restless Multi-Armed Bandit Based Resource Allocation  
**Aviva Prins**, Aditya Mate, Jackson Killian, Rediet Abebe, Milind Tambe
- AJUR 2019 Investigation of Constant Volume and Constant Flux Initial Conditions on Bidsity Particle-Laden Slurries on an Incline  
Dominic Diaz, Jessica Bojorquez, Josh Crasto, Margaret Koulikova, Tameez Latib, **Aviva Prins**, Andrew Shapiro, Clover Ye, David Arnold, Claudia Falcon, Michael R. Lindstrom, Andrea L. Bertozzi  
[doi.org/10.33697/ajur.2019.029](https://doi.org/10.33697/ajur.2019.029)

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## Programming Languages

Proficient in Python and MATLAB. Intermediate in R. Exposed to C++.