Evan Waldmann

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EDUCATION

Burnett Honors College at the University of Central Florida	Orlando, FL
Bachelor of Science in Mathematics with minors in Computer Science and Statistics	Spring 2019
GPA: 3.940	

AWARDS AND AFFLIATIONS

Carolyn Euliano Endowed Scholarship in Mathematics	Fall 2018
Harvard Forest Summer REU Program in Ecology	Summer 2018
COMAP MCM Honorable Mention (Problem B)	Spring 2018
UCF FURC Travel Award	Spring 2018
UCF Collegiate Mathematical Society JMM Travel Award	Fall 2017
UCF Summer Undergraduate Research Fellowship (declined)	Summer 2017
Mathematics Exchange Student at the Royal Melbourne Institute of Technology (RMIT)	Fall 2016
Honors Scholarship	Fall 2015
Bright Futures Florida Academic Scholars	Fall 2015
UCF Pegasus Scholarship	Fall 2015

EXPERIENCE

Harvard University	Petersham, MA
NSF Funded Research Intern at Harvard Forest REU (Advisor: Jonathan Thompson)	Summer 2018

- Worked with landscape models to predict how forest disturbances could influence forest composition
- Modeled dynamic human response to fire in LANDIS-II with R and ArcMap

Ellucian	Maitland, FL
Process Support Intern	Summer 2017

- Analyzed existing project data to provide metrics on past projects
- Documented and elaborated on requirements for reusable data migration template
- Optimized data migration prototypes through analysis of system structure

Campus Ambassador at UCF	Spring 2018

- Communicated Ellucian's brand and opportunities to UCF students
- Preformed tasks such as hosting information sessions and providing contacts to recruiters

University of Central Florida	Orlando, FL
Research Assistant (Advisor: Jonathan Beever)	Spring 2017 - Fall 2018

- Preformed data analysis and data visualizations of soundscape recordings in R
- Preparing paper for publication

CONFERENCES

Poster Presentations

UCF Showcase of Undergraduate Research Excellence (SURE)	Spring 2018
Florida Undergraduate Research Conference (FURC)	Spring 2018

Attended

Frontiers of Mathematical Biology: Modeling, Computation and Analysis	Spring 2018
Joint Mathematics Meeting (JMM)	Spring 2018
IEEE MIT Undergraduate Research Technology Conference	Fall 2017

LEADERSHIP AND OUTREACH

Student Organizations

STRONG Mentor, UCF	Fall 2018 - Spring 2019
President, Collegiate Mathematical Society	Fall 2018 - Spring 2019
Coordinator, ACM SIGAI, UCF Chapter	Fall 2018 - Spring 2019
Member, Pu Mu Epsilon, UCF Chapter	Spring 2018
Member, IEEE	Fall 2017

Volunteering

Habitat for Humanity, Ellucian	Summer 2017
Teaching student success lessons to Title 1 Orange County Public Schools, UCF Honors Symposium	Fall 2015

SKILLS

Languages: R, Java, Matlab, LaTeX, C#, C, C++, Python, VBA for Excel, Haskell
Software/Packages: ArcMap, Photoshop, Git, raster (R), sp (R), ggplot2 (R)

PROJECTS

Dynamic Human Response in LANDIS-II: Stuff

Modeling Extinct Languages (COMAP Problem B 2018): Stuff

Soundscape Ecology Research: Stuff

Cholera Modeling Research: Stuff

Elephant population dynamics?: Stuff

: Stuff