CHRISTOPHER DENNISTON

1026 W 22nd St.
Los Angeles, California 90007
(913) 908-6148
cdennist@usc.edu

EDUCATION

Bachelor Of Science, Computer Science
University of Missouri Kansas City, Kansas City, Missouri
Honors: Magna Cum Laude
May 2013 - December 2016

Master Of Science, Computer Science (Data Science)
The University of Southern California
June 2017 - May 2019

Doctorate of Philosophy, Computer Science
The University of Southern California
May 2019 - Present

EXPERIENCE

University of Southern California - Robotics Embedded Systems Lab
Research Assistant   May 2019 - Present
Performed research on multi robot systems for environmental monitoring as part of thesis research under Dr. Gaurav Sukhatme.

University of Southern California - Robotics Embedded Systems Lab
Masters Research Assistant   September 2017 - May 2019
Performed research under Dr. Stephanie Kemna, Dr. Thomas Krogstad and Dr. Gaurav Sukhatme for adaptive sampling for mine counter measure operations and algae bloom monitoring.

MITRE
Machine Learning Graduate Intern   May 2018 - August 2018
Performed research on hydrophone data for marine mammal classification using neural networks, as well as classification of objects from satellite imagery.

Payit, Inc
Software Engineer   September 2015 - June 2017
Developed and maintained microservice backend components to support front-end components.

PUBLICATIONS

C. Denniston, T. R. Krogstad, S. Kemna and G. S. Sukhatme, "On-line AUV Survey Planning for Finding Safe Vessel Paths through Hazardous Environments" 2018 IEEE/OES Autonomous Underwater Vehicle Workshop (AUV)

C. Denniston, A. Kumaraguru and G. S. Sukhatme,"Comparison of Path Planning Approaches for Harmful Algae Bloom Monitoring" 2019 IEEE/OES Oceans, *in press*

HONORS

University of Missouri - Kansas City Chancellor's Scholarship
School of Computing and Engineering First Robotics Scholarship
University of Missouri - Kansas City Achievement Award
University of Missouri - Kansas City Dean's List
Ankit Agarwal Computer Science Scholarship

ACTIVITIES   University of Southern California, Corpus Corpus Callosum, Project Lead, 2018
University of Missouri - Kansas City, IEEE Robotics, Software Engineering Team Member and Lead, 2013-2016
University of Missouri - Kansas City, Association for Computing Machinery, Vice Chair, 2014-2016
Upsilon Pi Epsilon, Treasurer, 2016