

William J. Doyle

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**RESEARCH
INTERESTS** artificial intelligence, heuristic search, real-time planning

EDUCATION *Ph.D. in Computer Science* September 2015 - present
University of New Hampshire
Advisor: Wheeler Ruml
Expected graduation: May 2021

B.S. in Mathematics and Computer Science September 2011 – June 2015
Union College in Schenectady New York
Graduated *cum laude* with Honors

**REFEREED
CONFERENCE
PUBLICATIONS** Bence Cserna, William J. Doyle, Jordan Ramsdell, and Wheeler Ruml, “Avoiding Dead Ends in Real-time Heuristic Search,” *Proceedings of the twenty second AAAI Conference on Artificial Intelligence (AAAI-18)*, 2018.

**TECHNOLOGY
SKILLS** *Programming Languages:* Kotlin, Java, Python
Software: Git, Gradle, Vim, IntelliJ

PROJECTS Attempt at Real-time Search on a Mobile Robot Spring 2017
Topology Between Two Point Robots, Thesis June 2015
Classifying System Call Traces using Anomalous Detection, Honors Thesis June 2015

HONORS Awarded Travel Grant to attend ICAPS Summer School Summer 2016

**TEACHING
EXPERIENCE** *Teaching Assistant, Scientific Programming in Python* Spring 2018
Scientific Programming in C Fall 2017
Introduction to Computer Science I & II Fall 2015 - Spring 2017

**EXTRA-
CURRICULAR
EXPERIENCE** Association for the Advancement of Artificial Intelligence, *Member* 2017 - Present
Artificial Intelligence Student Organization, *Member* 2017 - Present