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