

bryanbugyi

student of computing, A.I. enthusiast, dreamer...

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web

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certifications



programming

♥ Python
C/C++
MATLAB
HTML & CSS

interests

Artificial Intelligence artificial general intelligence, machine learning, neural networks, robotics, planning and scheduling, knowledge representation, search and optimization

Mathematics probability theory, combinatorics, algorithms and complexity theory, graph theory, matrix theory, proof theory, symbolic logic, set theory

Cognitive Science memory and learning, perception, reasoning, productivity

Philosophy epistemology, logic, and value theory

education

since 2015	Associate of Science (AS) Majoring in Computer Science	Rowan College at Burlington County
2010-2011	Vocational Degree Computer Networking & Security	Anthem Institute, Cherry Hill, NJ
2005-2009	High School Diploma	RVRHS, Mount Holly, NJ

experience

2015-2016	Comcast Cable Tier III Technical Support	Mount Laurel, NJ
2013-2015	Comcast Cable Tier II Technical Support	Mount Laurel, NJ
2011-2013	Comcast Cable Tier I Technical Support	Voorhees, NJ








activities

Fall 2016	Undergraduate Research in Mathematics • Considered various mathematical approaches to solving the problems that arose when attempting to design an agent that could successfully navigate Stuart Russell and Peter Norvig's Wumpus World environment • Explored solutions from several diverse fields of mathematical study including graph theory, probability theory, linear algebra, and matrix theory	Advised by Professor Weisbrod
Spring 2016	Undergraduate Research in Mathematics • Read, discussed, summarized, and worked problem sets from Gary Chartrand's <i>Mathematical Proofs: A Transition to Advanced Mathematics</i> • All assignments were submitted in \LaTeX	Advised by Professor Weisbrod

Spring 2016 **Garden State Undergraduate Mathematics Conference** maa.org/newjersey

- Participated in Annual New Jersey Undergraduate Math Competition (rcbc.edu/news)
- Attended several student talks in addition to Professor Eugene Fiorini's talk on *Criminal Investigation Through Mathematical Examination*

projects

WIP	Wumpus World Environment  An attempt at designing an agent that can logically navigate the environment described by Stuart Russell and Peter Norvig in their conjointly authored text, <i>Artificial Intelligence: A Modern Approach</i> bbugyi200/WumpusWorld
WIP	Personal Website    Designed using HTML and CSS on the frontend and Python's flask web framework on the backend bryanbugyi.com
2016	The Short Run Returns of Studying  A conjecture on how the short run returns of studying could be modeled using an appropriate utility function bbugyi200/UtilFunc4Studying
2016	IntelliBudget   A platform independent personal budgeting application complete with a graphical user interface (implemented using Python's Tkinter library) and an SQL database designed to store user expense data bbugyi200/IntelliBudget