bryan**bugyi**

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

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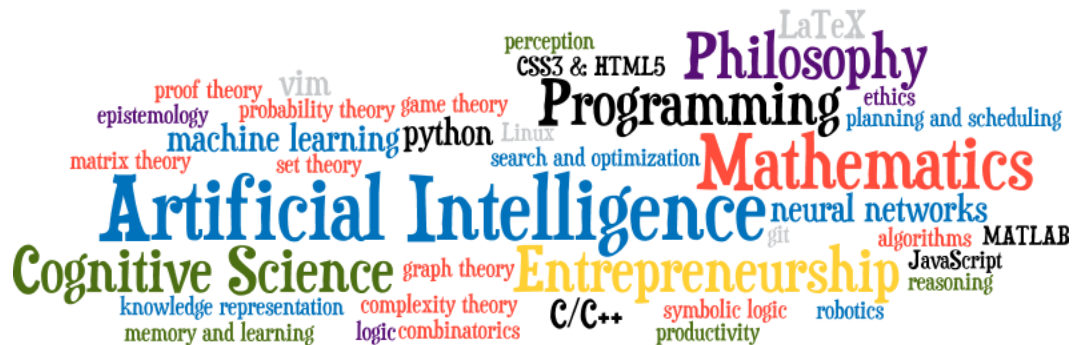github://bbugyi200
bryanbugyi.com
fb://bryan.bugyi

certifications

programming

❤ Python
C/C++
MATLAB
CSS3 & HTML5
JavaScript

interests

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**   Advised by Professor Weisbrod

- 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

Spring 2016   **Undergraduate Research in Mathematics**   Advised by Professor Weisbrod

- Read, discussed, summarized, and worked problem sets from Gary Chartrand's *Mathematical Proofs: A Transition to Advanced Mathematics*
- All assignments were submitted in LaTeX

Spring 2016   **Garden State Undergraduate Mathematics Conference**

- 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 to design an agent that can logically navigate the environment described by Stuart Russell and Peter Norvig in their conjointly authored text, *Artificial Intelligence: A Modern Approach*

WIP   **The Short Run Returns of Studying** ◢
A conjecture describing how the short run returns of studying could be modeled using an appropriate utility function

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

2016   **Personal Website** 🐍 🟨 🟧 🟦
Web content is served to the client with the help of Flask, a lightweight Python web framework