

# Harsh Shastri

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## EDUCATION

Bridgewater State University, Bridgewater, MA Bachelor of Science degree in Computer Science <i>Honors</i> : GPA 3.6, Dean's List	May 2020
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## COMPUTER SKILLS

Programming Languages:	Python, Java, Python, SQLite, Swift, C, C++, MATLAB
Scripting Languages:	HTML/CSS, JavaScript, Bash Script
Framework:	React.js, Bootstrap
Operating Systems:	Linux, Windows, Mac OS

## RELEVANT COURSEWORK

Computer Networks, Introduction to Database Systems, Multimedia Forensics, Web Development, Operating Systems, Mobile App Development, Organization of Programming Languages, Unix System Administration, Analysis of Algorithms, Introduction to Computer Organization, Data Structures and Algorithms, and Introduction to Computer Programming.	
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## RELEVANT PROJECTS

<b><i>Card Matching Game</i></b> Bridgewater State University, Bridgewater, MA <ul style="list-style-type: none"><li>Designed an iOS application game in <i>Swift</i>. Eight cards are displayed on the screen and the user's task is to match all the cards to win the game in the least time possible with minimum mismatches.</li></ul>	December 2018
<b><i>Autocomplete</i></b> University of Massachusetts, Boston, MA <ul style="list-style-type: none"><li>Implemented autocomplete using <i>Java</i> for a given set of N strings and nonnegative weights; given a prefix, found all strings in the given set that start with the prefix, in descending order of weight.</li></ul>	March 2017
<b><i>Atomic Nature</i></b> University of Massachusetts, Boston, MA <ul style="list-style-type: none"><li>Using <i>Python</i>, re-affirm the atomic nature of matter by tracking the motion of particles undergoing Brownian motion, fitting this data to Einstein's model, and estimating Avogadro's number.</li></ul>	December 2016

## WORK EXPERIENCE

<b>IT Support</b> IT Support Center Bridgewater State University, Bridgewater, MA <ul style="list-style-type: none"><li>To troubleshoot a variety of account and computer issues, while being part of a team which plays a critical role in the daily operations on the Bridgewater State Campus.</li></ul>	August 2019 - current
<b>Computer Science Teaching Assistant</b> Computer Science Department Bridgewater State University, Bridgewater, MA <ul style="list-style-type: none"><li>Help students to understand concepts in the coursework (mainly Java and Python introductory courses, Data Structures and Algorithms) and assist them with projects and homework assignments.</li></ul>	January 2018 - current
<b>Mathematics Teaching Assistant</b> Academic Achievement Center Bridgewater State University, Bridgewater, MA <ul style="list-style-type: none"><li>Attended the classes and helped students with in-class exercises, quizzes, and tutored students in the Academic Achievement Center with Math courses (up to Calculus II level).</li></ul>	September 2016 - May 2017
<b>Customer Service Front Desk</b> Adrian Tinsley Center Bridgewater State University, Bridgewater, MA <ul style="list-style-type: none"><li>Used to handle all aspects of membership sales and inquiries while preventing unauthorized access into the Thornburg Fitness Center. Moreover, used to record usage data and perform light cleaning of floors and equipment. Also, used to monitor weight-room activity and enforce policies.</li></ul>	January 2019 - May 2019

