Eric Waters

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✎ For a complete virtual tour of myself (includes my resume), please visit https://ericwaters.herokuapp.com/

Education
Arizona State University   Tempe, Arizona
Computer Science, B.S.   Graduating May 2022
- ❖ 4.00 GPA
- ❖ Barrett, the Honors College
- ❖ Key Courses Taken: Introduction to Programming Languages, Object-Oriented Programming & Data Structures, Introduction to Engineering, Digital Design Fundamentals, Discrete Mathematics, Logic in Computer Science

Projects
- ❖ Back-end Java development of Fact Blast (https://devpost.com/software/fact-blast)
  - o Created at Sunhacks 2019 by utilizing Twilio, Firebase, and Heroku
- ❖ Back-end Java development for a data management application for Neurologic Music Therapy Services of Arizona (https://devpost.com/software/nmtsa-scheduleapp)
  - o Created at Phoenix Opportunity Hack 2019
- ❖ Autonomous EV3 Robot (Project Spyn)
  - o Used MATLAB to develop an application that would allow an EV3 robot to autonomously navigate a maze and perform various tasks
- ❖ ASU Ticketing System (https://devpost.com/software/ticket-system)
  - o JavaFX application that allows a user to purchase a ticket for an ASU sporting event

Skills
- ❖ **Programming Languages**: Java, C++, C, JavaScript, HTML, CSS
- ❖ **Technologies**: Bootstrap, JavaFX, Twilio, Heroku
- ❖ **Key Concepts**: Object Orientation, Data Structures, Searching/Sorting Algorithms, Inheritance, Memory Management (Static, Stack, Heap), Binary Trees/Traversal
- ❖ **Critical Soft Skills:** Oral/Written Communication, Teamwork, Consistency/Reliability, Adaptability
- ❖ **Certificates:** Codecademy: JavaScript, Codecademy: HTML, Codecademy: CSS, Codecademy: Building Interactive JavaScript Websites

Accolades
New American University President's Scholarship Recipient, Tempe Dollars for Scholars Recipient, Dean's List Every Semester at ASU, Top 5 Team at Opportunity Hack 2019

Other Employment History
Cracker Barrel Old Country Store   Mesa, Arizona
Waiter   November 2017 – August 2019
Developed skills with accountability and customer relations. Learned how to connect with people and fit their needs.

Baskin-Robbins   Tempe, Arizona
Shift Leader   October 2015 – October 2017
Primary takeaway was leadership. Duty of training new employees and opening/closing was valuable in learning to manage both myself and others.

Extra-Curriculars and Service
- ❖ Active member of ASU's Software Developer's Association (SODA)
- ❖ President of Key Club (Volunteer Organization) – Over 200 hours of community service logged throughout high school
- ❖ Decorated D.E.C.A. member – developed professional communication and presentation skills
- ❖ Secretary of National Honor Society – Over 50 hours logged of volunteer service and tutoring