

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

Computer Science, B.S.

Tempe, Arizona
Graduating May 2022

- ❖ 4.00+ GPA
- ❖ Barrett, the Honors College
- ❖ Key Courses Taken: Intro to Programming Languages, Object-Oriented Programming & Data Structures, Logic in Computer Science, Data Structures & Algorithms, Intro to Software Engineering, Principles of Programming Languages, Operating Systems, Information Assurance, Intro to Theoretical Computer Science
- ❖ Enrolled in 4+1 Master's in Computer Science program and will graduate in May 2023

Work Experience

Dell Technologies

Undergraduate Software Engineering Intern

Remote – Arizona
May 2021 – August 2021

- ❖ Created a Kanban Board application from scratch using Java, HTML/CSS, JavaScript, Spring, MySQL and deployed it to a company-accessible Tomcat server for use across Dell
- ❖ Configured SSO against Dell's LDAP directory for a tax exemption management application
- ❖ Gathered requirements from key stakeholders, worked as part of a global team, and presented to executives

Projects

- ❖ Full-Stack Development of AA In-Flight Transcriber (<https://aa-inflight-transcriber.herokuapp.com>)
 - Utilizes AssemblyAI Speech-To-Text and Firebase to record and store pilot and crew announcements.
 - Awarded First Place by AssemblyAI and featured in their blog post at <https://tinyurl.com/y8ep483c>
- ❖ Back-end Java development for a data management application for Neurologic Music Therapy Services of Arizona (<https://devpost.com/software/nmtsa-scheduleapp>)
 - Created using Spring MVC and Bootstrap, this application streamlined NMTSA's client information management process so that their therapists could spend more time helping patients.
- ❖ Back-end Java development of Fact Blast (<https://devpost.com/software/fact-blast>)
 - Uses FactAPI, Firebase, and Twilio to blast a phone number with facts, every hour.

Skills

- ❖ **Programming Languages:** Java, C++, C, JavaScript, HTML, CSS
- ❖ **Technologies:** Spring, Spring Boot, MySQL, Oracle Database, Firebase, Git, Maven, Tomcat, Linux Command Line, Servlets, JSP, JSTL, Bootstrap, NodeJS
- ❖ **Key Concepts:** Data Structures, Algorithm Design & Analysis, MVC Architecture, Dependency Injection, Lexer/Parser Construction, Full-Stack Web Development & Design, OOP, AOP
- ❖ **Critical Soft Skills:** Oral/Written Communication, Teamwork, Consistency/Reliability, Adaptability
- ❖ **Certificates:** [Udemy: The Java Spring Tutorial](#), [Codecademy: JavaScript](#), [Codecademy: HTML](#), [Codecademy: CSS](#), [Codecademy: Building Interactive JavaScript Websites](#)

Accolades

- ❖ ASU SunHacks 2021: American Airlines First Place & Best Use of AssemblyAI
- ❖ Dell Technologies Intern Hackathon – First Place
- ❖ New American University President's Scholarship Recipient
- ❖ ASU Dean's List (Every Semester)

Extra-Curriculars

- ❖ Active member of ASU's Software Developer's Association (SODA)
- ❖ Active member of the Google Developer Student Club at ASU (ASUSDC)