Eric Waters

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For a complete virtual tour of myself, 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: OOP & Data Structures, Logic in CS, Data Structures & Algorithms, Intro to Software Engineering, Principles of Programming Languages, Operating Systems, Intro to Theoretical Computer Science, Database Management, Software QA & Testing

# Enrolled in 4+1 Master’s in Computer Science program and will graduate in May 2023

# Work Experience

# Dell Technologies Remote – Arizona

# Undergraduate Software Engineering Intern 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, 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, DBMS Internals
* **Critical Soft Skills:** Oral/Written Communication, Teamwork, Consistency/Reliability, Adaptability
* **Certificates:** [Udemy: The Java Spring Tutorial](https://imgur.com/a/acjGnfg), [Codecademy: JavaScript](https://imgur.com/a/k0x8kr8), [Codecademy: HTML](https://imgur.com/a/LcJuhp7), [Codecademy: CSS](https://imgur.com/a/9EKZ9CV), [Codecademy: Building Interactive JavaScript Websites](https://imgur.com/a/dVdZc7X)

**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)