

## **Braeden J. Diaz** **(M.S. BCS. Computer Science)**

### **Objective**

A recent Computer Science Alumni Graduate from the University of Utah in search of a position for a company in need of a worthy certified IT professional.

### **Education**

The following is each of the degrees which I have obtained. If viewing this résumé digitally, you can click the provided hyperlinks to either view and/or verify my diplomas.

- **May 6, 2021:** Master of Science (M.S.), Computer Science, University of Utah.  
([View](#), [Verify](#))
- **May 6, 2021:** Bachelor of Science in Computer Science (BCS.), University of Utah.  
([View](#), [Verify](#))
- **December 5, 2015:** Associate of Science (A.S.), Computer Sciences and Information Systems, Salt Lake Community College.  
([View](#))
- **August 8, 2016:** Associate of Science (A.S.), Mathematics, Salt Lake Community College.  
([View](#))
- **June 5, 2014:** High School Diploma, Copper Hills High School.  
([View](#))

### **Background**

- A generalist who is adaptable and proficient in the design and programming of software and hardware in a wide variety of areas in Computer Science including software development, full stack web development, networking, cybersecurity, cloud, databases, distributed systems, computer systems, operating systems, computer architecture, and more.
- Although a generalist, my areas of most and current experience include full-stack web, web video (HTTP, DASH, WebRTC), networking (protocols, APIs, cloud, docker, etc.), and Content Distribution Networks (CDNs).
- Holds multiple industry-level certifications in various areas of Computer Science. See the section for industry certifications on the last page.
- Has a history of productivity and successful project outcomes in academics and individually. See awards on my [GitHub portfolio repository](#).

## **Experience (Educational)**

- 10+ years of educational and self-taught experience in general software development.
- 5 years of experience in vanilla full-stack web development (HTML, CSS, JavaScript, web servers, and MySQL databases).
- 1 year of experience in modern web development frameworks (Angular v2+, React, Vue, NodeJS, ExpressJS, NestJS, Java Spring with Spring Boot, and C# ASP.NET Core)
- Experience with team-based workflow processes such as SCRUM Agile, Kanban, and experience with individual workflow and deployment.

## **Programming Languages/Frameworks/Tools**

### **Web, Front-End**

- HTML5, CSS, SASS, Bootstrap, JavaScript, TypeScript, Angular v2+, Vue, React, React Native, Redux.

### **Web, Back-End**

- NodeJS, ExpressJS, NestJS, NextJS, Java Spring with Spring Boot, C# ASP.NET Core, PHP Apache (LAMP stack), PHP Nginx (LEMP stack).

### **Web, Back-End, Databases**

- MySQL, MongoDB (NoSQL), Mongoose, JPA (Java Spring).

### **Web, Video**

- HTTP streaming, DASH, WebRTC, CDNs.

### **Software**

- Java, C#, Python, C++.

### **Software, Video**

- FFmpeg, youtube-dl.

### **Software Versioning**

- Git, GitHub, GitLab.

### **Cloud/Networking, Packaging, and Deployment:**

- Webpack, Docker, Amazon Web Services (AWS), Heroku, and direct deployment on in-house servers.

## **Industry Certifications**

Each certification can be verified using the website and code provided within each certification.

### **1. Microsoft Technology Associate (MTA):**

- Software Development: ([View](#))
  - C# Programming Language
  - Visual Basic Programming Language
- IT Professional:
  - Microsoft Security Fundamentals ([View](#))
  - Windows Operating System ([View](#))
  - Microsoft Networking Fundamentals ([View](#))
  - Microsoft Windows Server Administration ([View](#))

### **2. CompTIA: IT Strata ([View](#))**

### **3. Internet and Computing Core Certification (IC3 GS4) ([View](#))** **([1 - Key Applications](#), [2 - Living Online](#), [3 - Computing Fundamentals](#))**

For any questions about my education, industry certifications, or anything else, please contact me at the e-mail address and/or phone number specified in the header of this résumé. Thank You.