

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 online, 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. See the Experience section below.
- Holds multiple industry-level certifications in various areas of Computer Science. See the section for industry certifications on the next page.
- Has a history of productivity and successful project outcomes in academics and individually. See awards on the [GitHub portfolio repository](#).

Experience

- 10+ years of experience in multiple areas of Computer Science including software development, full stack web development, cybersecurity, computer systems, computer architecture, operating systems, networking, databases, and more.
- 1-3 years of experience in the following areas: mobile app development, computer graphics, embedded systems, data visualizations, and language/compiler development.

- 1 year of experience in more recent areas of Computer Science including Artificial Intelligence, Machine Learning, Deep Learning, and Data Mining.
- Experience with team-based workflow processes such as Agile, and experience with individual workflow and deployment.
- Programming Languages (Software/Scripting): Java, C#, Python, C++, C, Visual Basic, and bash (Unix/Linux).
- Programming Languages/Frameworks (Full Stack Web/Databases): HTML, CSS, JavaScript, NodeJS, .NET, JSP, PHP, Flask, Django, Ruby on Rails, Electron, D3, MySQL, NoSQL.
- Programming Languages (Low-Level/Systems): C, x86-64 assembly, ARM, MIPS assembly.
- Software Versioning: Git, GitHub, GitLab, Mercurial
- Cloud/Networking/Deployment: Amazon Web Services (AWS), Heroku, Docker, Emulab/PowderWireless, direct deployment on in-house servers.
- Note: Due to my generalist nature, not all languages, tools, or frameworks I have experience with are listed here. However, the ones listed here are the ones that are currently most applicable to me. Still, I am easily adaptable to new languages, frameworks, and tools.

Industry Certifications

Each certification can be viewed by clicking on the corresponding hyperlink. Also, 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.