

TREVOR DALTON

Salt Lake City, UT 84010 ◊ (435) 256-1469 ◊ trevorjd3141@gmail.com
trevorjdalton.com ◊ github.com/trevorjd3141 ◊ linkedin.com/in/trevor-dalton

EDUCATION

University of Utah, School of Computing

May 2021

B.S. Computer Science

GPA: 3.93; Cum Laude; Dean's List: 6 Semesters

Dixie State University

May 2018

Associate of Science

GPA: 3.99; Dean's List: 6 Semesters

Skills: Database Design, Operating Systems, Machine Learning, Data Analytics, Data Visualization, Object-Oriented Design, Agile Development, Technical Writing

Languages: JavaScript (preferred), Python (preferred), Typescript, HTML5, CSS, C#, C++, C

Technologies: Node.js, React, MySQL, MongoDB, Bash, Git, Neo4j, Angular, Excel, Visual Studio

WORK EXPERIENCE

Software Engineer Intern, Northrop Grumman

May 2020 - Current

- Obtained an active **Secret Security Clearance** subject to periodic reinvestigations.
- Developed a Workflow Management platform in **React.js** and JavaScript.
- Built a Graph Centered Data Science Pipeline in **Neo4j and Node.js** to predict failure dates for equipment based on maintenance data.

PROJECTS

Bank Document Verifier

- Developed a collaborative workspace for financial institutions to process loan applications and verify corresponding documents.
- Created an intuitive UI/UX with **Angular**, **TypeScript**, and **SCSS**.
- Designed 45 Restful API routes to communicate with **MongoDB** and application data.
- Implemented 53 unit tests using a **Jest** framework and integrated it into a **CI/CD** pipeline.

Personal Website

- Designed an online portfolio using **HTML**, **CSS**, **JavaScript**, and **Bootstrap** emphasizing a mobile-friendly layout.
- Maintained since 2016 with annual redesigns to incorporate my latest skills.

Multithreaded Ascii Image Converter

- Developed a graphics pipeline for converting images into approximated Ascii equivalents using **Python** and the PIL Library.
- Added **multithreading** to speed up conversion by 50% which allowed large images to be processed.

AWARDS AND CERTIFICATES

Neo4j Certified Professional

2021

New Century Scholarship

2018

Utah Flagship Scholarship

2018

References upon request