# Tanner Dolby

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## EDUCATION

**Arizona State University**                                                                                          Jan 2018 – May 2020

*BS Applied Mathematics (Graduated May 11, 2020)*                                                               *Tempe, AZ*

- Magna cum laude, GPA: 3.57/4.0
- Supplemental Instruction Leader, Undergraduate Researcher, Volunteer

## SKILLS

- **Programming & Web:** HTML, CSS, JavaScript, TypeScript, Python, Node.js, Express, React, Eleventy, Java, C++, WebGL, Cheerio, Git, SQL, Jest, Chai
- **Storage:** MongoDB, SQLite, MySQL, GraphQL, Oracle SQL Developer

## PROJECTS

**Photo Gallery Template** - https://eleventy-gallery.netlify.app

- Developed a high performance and scalable photo gallery template site using Eleventy.
- Dynamically generates responsive image markup by utilizing my eleventy-plugin-sharp-respimg plugin for build-time image transformations with Node.js.

**Personal Website** - https://tannerdolby.com

- Built my highly performant personal website from the ground up using Eleventy, HTML, CSS/Sass, JavaScript, Nunjucks, and Markdown. Utilizing Lighthouse to verify high performance, accessibility and SEO.

**React News Site** – https://ciphernews.netlify.app

- Developed a news site with React, Node.js and serverless lambda functions provided by Netlify. News content fetched from the NY Times Top Stories API.

**Eleventy-plugin-metagen** – https://www.npmjs.com/package/eleventy-plugin-metagen

- Developed an Eleventy plugin with JavaScript that generates document metadata containing: Open Graph, Twitter card, generic meta tags and a canonical link.

## WORK EXPERIENCE

**Tata Consultancy Services**                                                                                       Jan 2021 –Present

*Software Engineer*                                                                                                               *Remote*

- Completed a 9-12 week initial learning program studying Core Java and Full stack development. Built full stack projects with the MEAN stack and Java/JSP/Oracle SQL.

**Arizona State University**                                                                                          June 2019 – Dec 2019

*Undergraduate Research Assistant*                                                                                   *Mesa, AZ*

- Perform data analysis and create statistical models for STEM enrollment trends using Python and R.
- Communicate with faculty mentor to obtain and clean enrollment data from University Provost Office.

**Arizona State University**                                                                                          Jan 2019 – Dec 2019

*Supplemental Instruction Leader – Differential Equations*                                                 *Mesa, AZ*

- Lead three one-hour long group sessions a week to students on course-based study strategies.
- Collaborate with faculty to identify material that students may be having a hard time understanding to develop study strategies for greater student success.