**Tanner Dolby**

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2416 Valley Forge Way Roseville, CA 95661

**Education:**

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

* B.S. in Applied Mathematics (Graduated May 11, 2020) GPA: 3.57
* Supplemental Instruction Leader and Tutor, Undergraduate Researcher, Volunteer

**Skills and Languages:**

* **Programming:** JavaScript, Python, C++, Java, HTML, CSS, Node.js, React, SQL, Eleventy, Git
* **Platform Familiarities:** Visual Studio, Eclipse, macOS, Windows

**Work Experience:**

**Software Engineer at Tata Consultancy Services (Remote)**    **Jan 2021 – Present**

* Developed integrations using the AWS SDK for Python (Boto3) to provide low-level access to AWS services such as S3 and Security Hub in order to perform actions available in those services.
* Completed a 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.

**Undergraduate Research Assistant at ASU (Mesa, AZ)**  **June 2019 – Dec 2019**

* Developed statistical models and performed data analysis using Python and R.
* Researched trends in recruitment and retention at ASU from available data provided by the University Provost Office.
* Created an academic paper with our research findings using the document preparation system LaTeX.

**Supplemental Instruction Leader at ASU (Mesa, AZ)**  **Jan 2019 – Dec 2019**

* Lead three one-hour long group sessions a week to students on course-based study strategies.
* Collaborated with faculty to identify material that students may be having a hard time understanding to develop study strategies for greater student success.
* Created lesson plans for group study sessions to articulate the course material in an efficient manner.

**Projects:**

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

* Developed a high performance and scalable photo gallery template site using Eleventy.
* Utilized my responsive image plugin for dynamically generating responsive image markup using build-time image transformations.

**Meta Tag Generator Plugin** – www.npmjs.com/package/eleventy-plugin-metagen

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

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

* Developed my personal website from the ground up using Eleventy, HTML, CSS/Sass, JavaScript, and Markdown.
* Used the automated tool Lighthouse to improve page quality and verify high performance, accessibility and SEO.

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

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