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 APIs and helper functions in Python using the Django framework.
- 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 with React, Node.js and serverless lambda functions provided by Netlify. News content fetched from the NY Times Top Stories API.