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| West Sacramento, CA  https://tannerdolby.com | **Tanner Dolby** | | | 916-899-4314  tannercdolby@gmail.com |
| **Education** | | | | |
| **Mesa, AZ** | **Arizona State University** | | | Jan 2018 – May 2020 |
| * B.S. in Applied Mathematics, May 2020. GPA: 3.57 * **Relevant Courses:** Linear Algebra (MAT343), Discrete Mathematical Structures (MAT243), Differential Equations (MAT275), Probability (STP421) | | | | |
| **Languages and Technologies** | | | | |
| * JavaScript, C++, HTML, CSS, Sass, Node.js, TypeScript, React, Python, Java, SQL, 11ty, Jest, Pytest * Git, Windows, Visual Studio, Eclipse, Unix, Linux * **Relevant Links:** [GitHub](https://github.com/tannerdolby), [StackOverflow](https://stackoverflow.com/users/11389581/tanner-dolby) | | | | |
| **Employment** | | | | |
| |  |  |  | | --- | --- | --- | | **Software Engineer** | **Tata Consultancy Services** | **Jan 2021 – Present** |  * Develop applications using Python to interface with existing services from AWS, FireEye, Palo Alto Networks, and Facebook OSQuery. * Built 5 applications end-to-end and worked in 3 other applications. * Write unit tests with Pytest to ensure integrations with other services function as expected.  |  |  |  | | --- | --- | --- | | **Undergrad Research Assistant** | **Arizona State University** | **Jun 2019 – Dec 2019** |  * Worked in R and Python to develop statistical models and perform analysis on data provided by the University Provost Office. * Documented trends in STEM recruitment and retention at ASU by creating a research paper using LaTeX.  |  |  |  | | --- | --- | --- | | **S.I. Leader** | **Arizona State University** | **Jan 2019 – Dec 2019** |  * Lead three one-hour long group tutoring sessions for Differential Equations on course-based study strategies ranging from 5 – 25 students. * 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 before exams to articulate the course material in an efficient manner.   **Technical Experience** | | | | |
| * **Open Source - MDN Web Docs:** Actively contributed to MDN Web Docs on GitHub from Oct 2020 – Jan 2021. Completed 31 merged PRs in mdn/yari, and 17 merged PRs in mdn/content. Featured in the [contributor spotlight](https://developer.mozilla.org/en-US/community/spotlight/tanner-dolby) on MDN website. * **Markdown Parser:** Built a Markdown parser with C++ for converting Markdown files to HTML. * **Open Library Client:** Developed a Node.js Open Library client written in TypeScript for interacting with the Open Library APIs. * **Eleventy Photo Gallery:** Created a responsive image gallery site template using the Eleventy static site generator. Images are dynamically generated with Node.js at build time. * **Meta Tag Generator:** Developed a Eleventy plugin with JavaScript that generates document metadata for the <head> of a webpage containing: Open Graph, Twitter card, generic meta tags and a canonical link. * **Bug Saves the World:** Developed a single-player platformer game with the HTML5 game framework Phaser. The objective is to collect all the stars on each level without taking damage. | | | | |