

EDUCATION

Mesa, AZ	Arizona State University	Jan 2018 – May 2020
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- 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

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- 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](#), [StackOverflow](#)

EMPLOYMENT

Software Engineer	Tata Consultancy Services	Jan 2021 – Present
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- 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
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- 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
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- 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

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- **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](#) 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.