

EDUCATION

Mesa, AZ	Arizona State University	Jan 2018 – May 2020
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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 an Eleventy plugin with 140+ users using 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.