Tanner Dolby

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Education

Arizona State University Jan 2018 – May 2020

- Bachelor of Science in Applied Mathematics, May 2020. GPA: 3.57
- **Courses:** Linear Algebra, Differential Equations, Probability, Discrete Mathematical Structures

Skills

Languages: JavaScript, HTML, CSS, TypeScript, Python, Java

Technologies: Node.js, React, Next.js, Sass, Redux, NumPy, MongoDB, SQL, Git, Docker

Relevant Links: GitHub, StackOverflow, CodePen

Work Experience

Software Engineer at WorkHound Aug 2022 – Present

- Led frontend development of a new analytics dashboard and built data visualizations using Next.js, React, Redux, Recharts, MongoDB, Node.js
- Developed multi-language support for one-way and two-way messaging which improved customer acquisition by 20% and helped retain existing customers
- Collaborated with internal product teams and UI/UX designers to deliver features in a fast-paced Agile startup environment
- Developed a GitHub Action that creates a ticket in Jira and posts a message to Slack for Dependabot security vulnerability alerts in repositories which improved visibility by 50%
- Built data aggregation pipelines in MongoDB and RESTful APIs with Node.js and Express.js for customer-facing dashboards
- Developed unit and integration tests with Jest, Mocha, Chai and created a GitHub Action to automate running test suites on pull requests

Software Engineer at Tata Consultancy Services Jan 2021 – Aug 2022

- Developed applications to interface with existing security products from AWS, FireEye, Palo Alto Networks, and more
- Built 10 applications end-to-end and worked in other apps assisting with development
- Developed unit and integration tests with pytest and tox to ensure functionality and efficiency

S.I. Leader for Differential Equations at ASU Jan 2019 – Dec 2019

- Lead 3 one-hour long sessions a week to students on course-based study strategies
- Collaborate with faculty to identify material that students may be having a hard time understanding to develop study strategies for students

Extracurricular

- **Metadata Generator:** Developed a npm package with 345+ users that generates document metadata and social share functionality for the <head> of a webpage
- **Breakout:** Recreated the classic arcade game with Java
- **Open Source - MDN Web Docs:** Actively contributed to MDN Web Docs on GitHub. Featured in the contributor spotlight