STEPHEN MISTELE

EDUCATION

Santa Clara University, Class of 2023, Computer Science major. Santa Clara, CA   **June 2023**

SCU ACM (Tech Club), Webmaster   **Spring 2020-Present**
- Chosen over 7 competing applicants to join ACM's board and develop their [website](#)
- Created and led mobile app development workshops to teach students Expo and React Native.

Hack for Humanity, Winner   **February 2021**
- Won Microsoft's '[Best Use of Azure](#)' prize for single-handedly creating and implementing an Azure Cosmos DB into the project website and building a query system to dynamically display the data.
- Implemented user-authentication using Google Firebase alongside other back-end functionality.

Projects: Created a [website](#) to help upcoming engineers learn about navigating a career in STEM
Languages: C++, C#, SQL (PostgreSQL and SQL Server), JavaScript, HTML, Java
Leadership Experience: Worked in project management as a dev lead, experienced in agile development

PROFESSIONAL EXPERIENCE

Panterix, *Founder & CEO,* Santa Clara, CA   **February 2020-Present**
- Led hackathon team in development of a product that could rank road safety globally.
- Picked for research project by a SCU professor to turn the product into a business.
- Won entry into the Bronco Venture Accelerator, which provided $5,000 in incubation funding.
- Pitched to Angels and VC's for funding, while developing mobile app in React Native.
- Developed consumer website in Vue and mobile application in React Native. Find at: [panterix.com](#)
- Personally published and presented [research paper](#) at GoodTechs tech conference.

INRIX, *Development Intern,* Kirkland, WA   **Summer 2020**
- Pitched Panterix to INRIX, who hired the team to develop and implement our road safety ranking system into their [SaaS suite of products](#) in exchange for accident data to improve our product.
- Perfected and patented algorithm alongside INRIX data scientists to create global danger dataset.
- Responsible for database creation and management in AWS RDS through PostgreSQL.
- Created various public-facing ASP.NET REST API's to distribute the data to products and customers.

Discovery Institute, *Development Intern*, Seattle, WA   **Summer 2019**
- Developed a mobile app using React Native in JavaScript for iOS and Android to showcase strategic website content for this think tank.

INRIX, *Development Intern*, Kirkland, WA   **Summer 2018**
- Added various features to this high-tech transportation information company's customer-facing analytics product. This included making various usability improvements and adding functionality requested by customers. Coding was done in JavaScript, HTML and CSS.

Coding with Kids, *Lead Instructor*, Redmond, WA   **2016-2018**
- Taught after school programming classes and summer camps at several schools.
- Promoted to lead instructor responsible for teaching 8 to 12 students per class.