Krish Shah

2003kshah@gmail.com | 1-609-556-8516 | linkedIn/krish-n-shah | github/krish-shahh | krish-portfolio.vercel.app

EDUCATION

Boston University   Boston, MA | Aug 2022 - May 2026 (Expected)
BS in Computer Engineering with Machine Learning Concentration
Additional Information: FIRST Scholar (25k/year scholarship, research stipend, guaranteed Masters acceptance)

WORK EXPERIENCE

PRINCETON EQUITY GROUP | Data Analytics & Machine Learning Intern   Princeton, NJ | Jan 2022

- Analyzing annual revenue from company contracts and creating **Cost-Benefit-Analysis** write ups in order to help make business acquisition decisions more streamlined.
- Creating **python** scripts that help break down and analyze company revenue data and implementing **SaaS**: FusionPoint.

THE ZONE | Software Engineering & Research Intern   New York, NY | Sept 2021 - Present

- Design and develop college faculty dashboard that collects and displays Student-Athlete mental health data.
- Redeveloped company website with custom CMS using **TypeScript**: itsthezone.com

PRINCETON UNIVERSITY | Computational Research Intern   Princeton, NJ | Sept 2021 – Jan 2022

- Working on Delta (the aDaptive near rEaL - Time Analysis framework) that facilitates near real-time streaming and analysis of **big fusion data** on remote **High-Performance Computing** resources. Most of my time was invested in creating the **python** scripts that break down the data into text files and parsing them through different analysis software. Project Link: github.com/rkube/delta

PROJECTS

RECOVER ↗   JavaScript, Firebase
Web Platform to help recovering addicts find sponsors and recovery resources more efficiently.

COINTRACK ↗   JavaScript, React, CoinGecko API, CryptoCurrency
Website where you can track your favorite **cryptocurrencies** using an **API** that updates the site to show most crypto's current value, market cap, total supply, daily fluctuation, etc.

ZOOM CLONE ↗   JavaScript, NodeJS, Socket.io, WebRTC (PeerJS)
ZoomClone is a video chat app that makes it easy to groups up with people you want to meet.

AUDIO FABRIC ↗   JavaScript, WebGL, ThreeJS
A music **visualization** platform through **wave distribution** and **audio analysis**.

WORLDE CLONE (WORDL) ↗   JavaScript, TypeScript, Svelte
Progressive Web App that is the recreation of the original Wordle with additional infinite and hourly modes. This web app also has extra features like tips and in-depth player statistics.

SOLIDS VISUALIZER ↗   JavaScript, ThreeJS
A Solids of Revolution and Solids of Known Cross Section **visualization** platform I created for my AP Calculus BC class.

PHYSICS BASED SPIDERMAN ↗   C++, Unreal Engine
Game recreating the web-swinging (pendulum motion), web-zipping + edge detection, wall-crawling of Spider-Man based on fundamental principles of physics and nature. Read more about it [here].

SKILLS

Multilingual: Spanish, Gujarati, Hindi, English
Languages: Java (AP Computer Science A), Python, C/C++, R, MySQL, MongoDB
Web Development: React, JavaScript, TypeScript, HTML/CSS, VueJS, AngularJS, NextJS
Technologies: Git, AWS, Docker, VSCode, Unity, Unreal Engine, MongoDB, Firebase, Office 365, Google Suite, Adobe Creative Suite
Soft Skills: Team Leader, Communicator, Analytical, Problem Solver, Hardworking, Innovative, Dedicated