DAKSH JAIN

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EXPERIENCE

Google   Sunnyvale, CA
Software Engineer   November 2021 - Present

- Develop automatic risk identification pipeline and tools for GCP to help detect 300,000+ potential risks
- Create tools to help GCP teams track and mitigate risks to improve product reliability

Amazon   Seattle, WA
Software Development Engineer   June 2021 - October 2021

- Worked on affordable product recommendation for Amazon India homepage
- Maintained and developed features for display page for items

Air Products, Inc.   Allentown, PA
LNG Process Engineering Intern   June 2020 - August 2020

- Created a VBA temperature profile tool to analyze stresses within CWHE for 30+ heat exchangers
- Analyzed material cost efficiency for 5+ heat exchanger designs
- Improved problem-solving skills and learned automation of complex calculations

Endevor, LLC   Greenville, DE
Software Engineer Intern   June 2019 - January 2020

- Worked on 20+ administrative pages in Illuminate Suite coded in the .NET Framework
- Fullstack development of Forward Access Point for 20+ nuclear power plants
- Learned test-driven development and effective teamwork skills for successful product delivery

Fromen Research Group   Newark, DE
Undergraduate Research Assistant   September 2017 – March 2019

- Leveraged 3D printing to optimize pulmonary nanoparticle drug delivery
- Conducted nanoparticle deposition experiments to analyze the efficacy of targeted pulmonary drug delivery
- Engineered and printed anatomically accurate lung models utilizing SolidWorks

SKILLS

Programming Languages: Python, JavaScript, Java, Go, MATLAB, C++, C, SQL, HTML, CSS
Frameworks: React, Angular, .NET Framework, Spring
Tools: Protocol Buffers, Scikit-learn, Express, NumPy, Pandas, Node, MongoDB, Git, Redux

PROJECTS

Gambit   https://github.com/djain106/gambit
MongoDB, Express, Node, React   May 2021
Coded a full-stack application that implements allows users to register and play BlackJack, Roulette, and Slots

Disbiome Analysis   https://github.com/djain106/disbiome_matlab
Python, NumPy, TensorFlow, MATLAB   December 2020
Created a predictive model for future patient ailments based on gut microbiome data

LEADERSHIP/MERITS

Robert L. Pigford Undergraduate Award   University of Delaware
Awarded for high academic performance, leadership, good communication and organization skills, and genuine
interest and curiosity toward chemical engineering   July 2020

EDUCATION

University of Delaware, Honors College   Newark, DE
BS Chemical and Biomolecular Engineering *GPA: 3.9*   May 2021
Minors: Computer Science, Economics, Chemistry