Akriti Tripathi

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EDUCATION

UNIVERSITY OF MARYLAND
BS in Computer Science
Minor in Business Analytics
Dec 2022 | College Park, MD
QUEST Honors Program
GPA: 3.96 / 4.0

LINKS

LinkedIn:// **akriti-tripathi**
Portfolium:// **AkritiTripathi1**

COURSEWORK

Algorithms (Spring 2021)
Org. of Prog. Languages (Spring 2021)
Intro to Computer Systems
Discrete Structures
Object-Oriented Programming I & II
Applied Probability and Statistics
Introduction to Design and Quality
First-Year Innovation and Research
Linear Algebra
Introduction to Information Science

SKILLS

Software
Java • C • Python • C++ • C# •
HTML/CSS • SQL • R • LaTeX •
Matlab
Tools
Git • Eclipse • Unix/Linux • Unity •
RStudio • Postman • Vuforia •
Android Studio • Flutter • Bootstrap •
Six Sigma
Languages
English • Hindi • French

ACTIVITIES

QUEST Corporate
Kappa Theta Pi (Tech Committee)
MD Center for Women in Computing
Maryland Minza

AWARDS

Dean's List (Fall 2019, Spring 2020)
Grace Hopper Scholar 2020
ACM Richard Tapia Scholar 2020
OMSE Academic Excellence

WORK EXPERIENCE

BRISTOL MYERS SQUIBB | IT Intern
June 2020 - Aug 2020 | Summit, NJ
- Automated 1000+ user accounts management in Veeva Vault Quality Suite platform using Java with REST API, vault authentication methods, and VQL/SQL queries for data retrieval
- Suggested improvements in consolidating existing code which managed document control and audit subsystem via different APIs
- Created process documentation and Lean Six Sigma process maps of various processes such as user onboarding and document lifecycle management

EDISON BOARD OF EDUCATION | Technology Intern
June 2018 – Aug 2018 | Edison, NJ
- Fixed hardware/software issues on 20,000+ devices (Macbooks/Chromebooks) across Edison School District to ensure that the entire system was prepared to go live for the school year

XDUCE CORPORATION | Product Management Intern
June 2017 – July 2018 | Edison, NJ
- Assisted with 10% increase in buyers for strategic partners (Oracle, Microsoft, Salesforce, etc.) by creating new logo and redesigning company's website

PROJECTS

VIRTUAL REALITY JIGSAW PUZZLE | FIRE Researcher
September 2020 - Present
- Creating VR application of a jigsaw puzzle using C# in the Unity Game Engine which will allow users to utilize Oculus Rift devices to interact with the game
- Wrote research proposal for said project in Spring 2020 (uploaded on Portfolium) by analyzing various sources and creating a final plan under the supervision of Professor Kyungjin Yoo

WEATHER TUNES | Undergraduate Research Assistant
September 2020 – Present
- Building application in Flutter using Java with Spotify Web API and OpenWeatherMap API that outputs song recommendations based on user's music preference and current weather under the supervision of Derrick Yeo
- Collaborated with peers to complete research project and presented project results at an undergraduate research symposium (uploaded on Portfolium)

KAPPA THETA PI WEBSITE | Front-End Developer
November 2020
- Utilized HTML/CSS and Bootstrap to create the homepage of the Kappa Theta Pi Professional Technology Fraternity website **(ktpumd.com)**

EXTRACURRICULARS

TECHNICA HACKS | Finance Committee
April 2020 – Present | College Park, MD
- Created and managed an annual budget of over $200,000 budget for the world's largest all women and non-binary hackathon, with over 1800 participants in Nov 2020
- Communicated with corporate sponsors to finalize payment options, send invoices, and keep track of all transactions