VANSH SIKKA

Computer Science and Statistics

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EDUCATION

B.S. in Computer Science and Statistics

University of Illinois at Urbana-Champaign [2020 – Present]

GPA: 3.96

Course Work: Data Structures, Differential Equations, Linear Algebra, Introduction to Computer Science, Discrete Strutures, Software Design Studio

Extra-curricular Activities: Illinois Business Consulting & Google Developer Student Club

SKILLS

LANGUAGES

Java, HTML5 & CSS, JavaScript (React & Node), C++, WordPress, & Python (Including Pandas and NumPy)

TOOLS

Android Studio, Visual Studio Code, Eclipse, JUnit Testing, Catch2 Testing, CLion, IntelliJ, & PyCharm

RESEARCH & PLANNING

Find the Problem, Gather Information, Develop Solution, & Evaluate Results

SOFT SKILLS

Communication, Analytical Thinking, Active Listening, Problem Solving, Collaboration, Self-Management

INTERESTS

Weight Lifting	A.I. & M.L.
Cars	Traveling
Stocks	Music

CAREER OBJECTIVE

Emerging computer scientist and statistician currently growing my technical skills to create innovative and practical solutions for corporations while pursuing my own passions for software development. Looking to begin a career that will allow me to integrate my expertise in computer science within the business world.

WORK EXPERIENCE

IT & Emerging Tech Intern

Proven IT, Tinley Park, IL - *June 2021 – August 2021*
- Developed Telegram Bot's using Python and PowerShell scripts and open-source API's to facilitate internal company operations
- Shadowed and collaborated in software development of Laserfische, which acts as a mediator between gathering form data and turns it into usable SQL
- Developed knowledge of IP's, Firewalls, and DB management to manage IT servers
- Aided in web development tasks and created data dashboards using HTML, CSS, & JS
- Verified inventory using proprietary software for over 250 employees to minimize discrepancies

CS125: *An Introduction to CS* Course Assistant

University of Illinois at Urbana-Champaign, Champaign, IL – *January 2021 - Present*
- Provided individualized content and delivery for students during office hours and facilitated the process for new students to learn Java and navigate through Android Studio
- Developed explanations for coding concepts and homework problems in layman terms for students to easily grasp

Technical Consultant and Web Design Intern

SiteInnovator, Naperville, IL - *March 2019 - September 2019*
- Formulated the alignment of business requirements, user-centered design methodology and technology factors to create successful UI/UX designs
- Guided clients towards the best path to take to get most traffic on websites and design help to ensure clients' websites are at peak performance for business

PERSONAL PROJECTS

Course Explorer *[October 2020 – December 2020]*
- Constructed a simple, yet elegant, Android application which utilized front-end and back-end development to rate courses in the CS department at UIUC
- Utilized Android Studio and XML basics to develop a full stack Android Application

SkillFlyer *[March 2020 – August 2020]*
- Created a web platform that aids in crowdsourcing educational YouTube videos ranked by usefulness for college courses and eliminates unnecessary time searching for information
- Worked on majority of frontend (React) and some backend (Node)

Teacher Connect *[August 2019 – January 2020]*
- Produced a simple web application which allowed teachers to connect with their students, similar to Google Classroom (JavaScript and Heroku Deployment)

ORGANIZATIONS

Illinois Business Consulting

September 2021 - Present
- Student Consultant for IBC, helping companies all around the nation solve problems that appear in the real corporate world
- Developing solutions and conducting background research for Fortune 50 companies who are looking to implement Smart Factories in their shift towards Industry 4.0

Google Developer Student Club

August 2020 - Present
- Part of the Developer Team for Google's DSC which gives students the opportunity to utilize their technological skills to help find a solution to a real-life problem