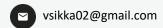
# VANSH SIKKA

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 backend 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
- $\neg$  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