

# Sijan Khadka

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## EDUCATION

### Fisk University

**Expected Graduation: May 2028**

*Bachelor of Science in Computer Science, Business Administration*

**Relevant Courses:** Intro to Computer Science I (Google In Residence), Calculus I, Principles of Microeconomics

**Technical Skills:** JavaScript, React, React Native, Next.js, Node.js, MongoDB, Python, C, HTML, CSS, Figma, MatLab, MS-Office

**Honors & Awards:** Erastus Milo Cravath Presidential Scholar

## PROJECT EXPERIENCE

### Contract Summarizer Extension

VandyHacks Hackathon | [Github](#) |

**September 2024**

- Led a team to design and deploy a Chrome extension that summarizes legal terms and conditions into concise bullet points, reducing user reading time by **70%** and mitigating legal risks.
- Managed integration of **OpenAI's API** with **HTML**, **CSS**, and **JavaScript**, processing over **100+** API requests daily with an average response time of **1.5 seconds**.
- Directed research on **50+** legal contracts to identify common clauses and loopholes, while enhancing technical expertise through workshops on data visualization, cybersecurity, database, and mobile app development.

### Online Thrift Store

BIC Hackathon | [Github](#) |

**December 2022**

- Collaborated with a team of 3 to develop an online thrift store using **Next.js**, **Socket.io**, and **MongoDB**.
- Implemented key features such as user authentication, item listings, and an add-to-cart functionality.
- Gained experience in full-stack development, real-time data handling (**100+** users, **50+** items, **200+** transactions), and e-commerce platform design.

### Blackjack

GIR (Google In Residence) Project | [Github](#) |

**September 2024**

- Developed a Blackjack game in Python as part of a CS class hosted by Google in Residence (GIR).
- Utilized **Python** modules (**random**, **math**) for effective code distribution and organization.
- Managed game state by tracking **52** cards in the deck and player balance using dictionaries.
- Integrated **100+** unit tests and integration tests to effectively test the code written.

[Personal Website](#) | [Github](#) |

**June 2023**

- Designed and prototyped a personal website using **Figma**, focusing on user experience and visual design.
- Developed the site using **HTML**, **CSS**, and **JavaScript** to create a fully functional, responsive platform.
- Learned about web hosting, domain registration, and configuring nameservers for deployment.

## LEADERSHIP

### Private Tutor

**October 2022 - June 2024**

- Tutored up to **7** students from 3rd to 10th grade in Math, Science, Computer, and English, leading to significant academic improvement.
- Helped students improve grades and behavior; one student achieved a **3.96 GPA** in 10th board exams.
- Developed strong patience, reinforcement techniques, and assurance strategies to enhance student learning outcomes.

## ACTIVITIES/CLUBS

### Fisk Math Club

**August 2024 - Present**

*Secretary*

- Record detailed minutes of all club meetings.
- Handle external communication to sponsors, faculty, and organizations.

### Fisk Computer Science Club

**August 2024 - Present**

*Club Member*

- Attend sessions to practice coding problems and interview skills.