

# Satyam Patel

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## EDUCATION

**Lehigh University-** Bethlehem, PA

Bachelor of Science in Computer Science and Business

**Major:** Computer Science and Business

**Related Courses:** Advanced Accounting Information Systems, Advanced Operating Systems, Data Structures and Algorithms, Managerial/Financial Accounting, Intermediate Microeconomics, Database Systems and Applications

**PROJECTS** (also on [www.sbpatel.dev](http://www.sbpatel.dev))

**Graduation:** May 2023

**Cumulative GPA:** 3.2

**Lutron Capstone Research:** IoT Device Diagnostics

- Worked with OpenThread to incorporate CoAP for end device communication
- Researched ways to autonomously collect data from 200+ end nodes
- Hosted all collected information through AWS Cloud stream (Kinesis -> Lambda -> DynamoDB)

**Personal Project:** Buzz Messaging App

- Utilized Java Spark to design backend architecture for application
- Attended weekly sprint meetings to incorporate new user stories into application
- Designed UI using React for the web and Flutter for mobile

## LEADERSHIP & VOLUNTEER EXPERIENCE

**South Asian Students Association (SASA)-** Lehigh University, PA

**May 2021 - Present**

President

- Worked alongside the executive board including the 200+ members to promote South Asian culture through campus-wide events such as Diwali, Holi, and Garba.
- Collaborated with other cultural clubs in major events throughout both semesters.

**Creatives of Lehigh (Photography Club) -** Lehigh University, PA

**May 2020 - Jan 2022**

Internal Chair/Co-Founder

- Assisted in creating the club constitution and creating links to other clubs and college organizations.
- Planned creative photography events for increased community building and connections.

**South Asian Students Association (SASA)-** Lehigh University, PA

**May 2020 - May 2021**

Internal Chair

- Enhanced personal team-building and communicative skills
- Coordinated meetings and organized events.

## WORK EXPERIENCE

**Business Analyst Internship**

**June 2021 - Aug 2021**

KPMG Prague

- Created reports on the advancement of the Telecommunications department worldwide.
- Located use cases which yielded a significant ROI for certain companies looking to invest.

**Accounting Internship**

**June 2019 – Aug 2019**

B.P. & Associates

- Worked on Quickbooks and GnuCash to generate pay-stubs and paychecks to employees in companies surrounding the Lehigh Valley region.
- Recorded multiple calculations of taxes (Income Tax, Self-Employment Tax, and Excise Tax) for various companies.

## SKILLS

- C/C++
- SQL/PostgreSQL
- Java
- Node.js/Java Spark
- Javascript/TS
- AWS
- Microsoft Office