

# Siddharth Mathur

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## EDUCATION

### University of Illinois at Urbana-Champaign

[Expected Graduation: May 2021]

Overall GPA: 3.8 | Major GPA: 4.0

*Bachelor of Science, Information Systems*

*Hoelt Technology & Management (Class XXV)*

## ACTIVITIES & HONORS

### Hackathons

[Feb 2015 – Present]

*Organizer, Competitor*

- Won 1<sup>st</sup> place at JPMorgan Chase & Co's Code for Good hackathon in October 2019
- Won 1<sup>st</sup> place with \$3,000 at AbbVie's HackVie in June 2019
- Won the Best Android App award at Los Altos Hacks III, held in March 2018 at Juniper Networks HQ with over 300 attendees
- Organized BaseHacks (2016) and BaseHacks 2 (2017), hosted by Microsoft with 200-300 attendees; led coding workshops with 40-50 people for mobile development and IoT

### Association for Information Systems

*President*

[Dec 2019 – Present]

- Collaborating with faculty to restructure the org and enrich the IS program for students

*VP Technology*

[May 2019 – Dec 2019]

- Facilitated workshops with 30-40 students for Data Analysis, Excel, Python, R, and Tableau

### National Organization for Business and Engineering (NOBE)

*VP Internal*

[Dec 2019 – Present]

- Leading and organizing NOBE committees in three key areas: Tech, Consulting, Product Dev
- Collaborating with President to set org goals

*Marketing Chair*

[Dec 2018 – Dec 2019]

- Pitched org activities through various channels
- Boosted membership count by over 160%

### Future Business Leaders of America (FBLA)

*Team Lead, Competitor*

[Sept 2015 – July 2018]

- Management Information Systems (2018): 4th Place in California, 5th Place Nationally

## ADDITIONAL INFORMATION

**Skills:** Java (7 years), C++ (7 years), Android/iOS (6 years), Linux (5 years), Git (5 years), Databases and data structures (4 years), Dance (3 years), JavaScript (2 years), Python (2 years), Jupyter (1 year), Agile (1 year)

**Languages:** English (native), Hindi (native), French (limited)

## PROFESSIONAL EXPERIENCE

### Motorola Solutions

[Aug 2019 – May 2020]

*Software Engineer*

- Streamlined MSI Tableau server by developing report catalog with improved maintenance capabilities, increasing server capacity by 37%
- Integrated radio battery maintenance tools written in Go into MSI's Azure cloud portal

### AbbVie

[Apr 2019 – Aug 2019]

*Scientific and Cloud Computing Engineer*

- Facilitated patient-physician communication by creating Google Home Assistant app with Dialogflow ML API and Firebase Database
- Developed interface using Python Django and implemented Ansible to manage AbbVie's High-Performance Computing RHEL clusters

### FunNode, LLC

[July 2017 – June 2018]

*Lead Android/iOS Engineer*

- Applied the Godot engine to port HTML and JavaScript games to iOS and Android
- Interviewed/recruited other mobile developers

### Secrets to Success

[June 2016 – Aug 2017]

*Founder, Teacher*

- Founded summer camp for entrepreneurship and CS; taught 40 5<sup>th</sup>-8<sup>th</sup> grade students
- Conducted Android and Virtual Reality lessons

### Continental ITS

[July 2016 – Aug 2016]

*Android Engineer*

- Modeled V2X infrastructure in Android Studio
- Implemented RESTful API to fetch vehicle location data from a Go server in real-time

## SIDE PROJECTS

### Smoke Alarm Notifier

[July 2017]

- Integrated an ESP8266 (Arduino) with a mic sensor to send a text if the smoke alarm rings

### EarthScanner

[June 2017]

- Built on Google's Barcode Detector API to create an Android app that gives a look into the eco-friendliness of various products
- Presented at the Tech Museum in San Jose, CA