# Siddharth Mathur

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## EDUCATION

**University of Illinois at Urbana-Champaign**
[Expected Graduation: May 2021]
Overall GPA: 3.9 | Major GPA: 4.0
*Bachelor of Science, Information Systems*
*Hoeft Technology & Management (Class XXV)*

## ACTIVITIES & HONORS

**Hackathons**
[Feb 2015 – Present]
*Organizer, Competitor*
- Won 1$^{st}$ place at JPMorgan Chase & Co's Code for Good hackathon in October 2019
- Won the "Awesomeness Prize" (1$^{st}$ place award) 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) with 200-300 attendees; led and instructed at coding workshops with 40-50 people for mobile development and IoT

**Association for Information Systems**
[Sept 2018 – Present]
*VP Technology*
- Facilitated technical workshops with 30-40 students to develop skills with Data Analysis, Excel, Python, R, and Tableau

**National Organization for Business and Engineering (NOBE)**
[Sept 2018 – Present]
*Marketing Chair, Tech Committee*
- Enhanced and marketed finance, investing, and networking skills through seminars and workshops

**Future Business Leaders of America (FBLA)**
[Sept 2015 – July 2018]
*Competitor, Team Leader*
- Management Information Systems (2018): 4th Place in California, 5th Place Nationally

## ADDITIONAL INFORMATION

**Skills:** C++ (7 years), Java (5 years), Android/iOS (5 years), Linux (4 years), Git (4 years), IoT (4 years), Databases and data structures (4 years), Dance (3 years), JavaScript (2 years), Python (1 year), Agile (1 year)
**Languages:** English (native), Hindi (native), French (professional)

## PROFESSIONAL EXPERIENCE

**Motorola Solutions**          [Aug 2019 – Present]
*Software Engineer*
- Integrating battery maintenance tools written in Golang into MSI's Azure cloud portal using Visual Studio, for use by police, fire, and EMT

**AbbVie Inc.**          [Apr 2019 – Aug 2019]
*Scientific and Cloud Computing Engineer*
- Developed and integrated tools using Python Django and Ansible to manage AbbVie's High-Performance Computing RHEL clusters
- Automated command-line processes to eliminate the CLI on the user-end

**FunNode, LLC**          [July 2017 – June 2018]
*Head of Mobile Development*
- Implemented the Godot engine to port HTML/JavaScript games to iOS/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$^{th}$-8$^{th}$ grade students
- Conducted workshops on Android Development and Virtual Reality Development

**Continental**          [July 2016 – Aug 2016]
*Android Developer*
- Modeled V2X infrastructure on Android using Android Studio
- Implemented RESTful API to fetch vehicle location data from a Go server in real-time

## SIDE PROJECTS

**IoT Smoke Alarm Notifier**          [July 2017]
- Integrated an ESP8266 chip with a microphone sensor to send SMS notifications to all family members if the smoke alarm rings at home

**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