

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 1st place at JPMorgan Chase & Co's Code for Good hackathon in October 2019; built Express.js app to help Apprisen's clients keep track of financial health and debt
- Won 1st place with \$3,000 at AbbVie's HackVie in June 2019; facilitated patient-physician communication by creating Google Home Assistant app HumiraHelper, integrating Dialogflow ML API and Firebase Database
- Won the Best Android App award at Los Altos Hacks III, held in March 2018 at Juniper Networks HQ with over 300 attendees; built FoodCyclr app to help facilitate food recycling
- 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 (AIS)

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

Marketing Chair

[Dec 2018 – Dec 2019]

- Boosted membership count by over 160%

ADDITIONAL INFORMATION

Skills: Java (7 years), Android/iOS (5 years), Linux (5 years), Git (5 years), C++ (3 years), Dance (3 years), Databases and data structures (2 years), Python (2 years), Jupyter (1 year), Agile (1 year), JavaScript (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%
- Boosted customer support effectiveness by using Jupyter notebooks to analyze survey data
- Integrated radio maintenance tools written in Go into MSI's Azure cloud portal to support first responders and increase radio reliability

AbbVie

[Apr 2019 – Aug 2019]

Scientific and Cloud Computing Engineer

- 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 5th-8th 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 Golang 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