

# Vaibhav Makar

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## EDUCATION

### UNIVERSITY OF ILLINOIS

URBANA CHAMPAIGN

BS IN COMPUTER ENGINEERING

Expected May 2021 | Urbana, IL

### BISHOP'S SCHOOL

Grad. May 2017 | Pune, India

## LINKS

Github:// [vmakar](#)

Devpost:// [vmakar](#)

LinkedIn:// [vaibhavmakar](#)

## SKILLS

Highly Proficient

Java • C++ • Python • HTML • CSS

Proficient

NodeJs • ReactJS • JavaScript • C •

Linux CLI

Familiar

MongoDB • ExpressJS • Matlab •

PHP • Mathematica •  $\text{\LaTeX}$

## LEADERSHIP & AWARDS

### • Illini Venturing 1867

Crew Officer

### • The Maize Report

Co-Founder and Editor

### • Modern Education Society Quiz

2nd Place in Final, 2016

### • TCS IT Quiz

2nd Place in Regional Final, 2016

### • SOF Cyber Olympiad

3rd Place in Regional Final, 2015

## COURSEWORK

Discrete Mathematics

Computer Systems & Programming

Electronics

Data Structures

Analog Signals and Systems

Probability (In Progress)

Artificial Intelligence (In Progress)

## PROJECTS

### ILLINI SOLAR CAR | TELEMETRY AND STRATEGY LEAD

August 2018 – Present | Urbana, IL

- Building a Telemetry Interface to communicate data from the car, using NodeJS, MongoDB, ExpressJS and ReactJS
- Make strategic decisions for the team based on the data, including at an international competition held in Texas where we achieved 4th place
- Leading new team members on projects involving development of the web app, and performing analysis on extensive datasets from previous races

### BALLOT

February 2018 | Urbana, IL

- Created a responsive and searchable Web App that uses Google's Civic Information API to display upcoming local elections, and Google Maps API to display nearby polling locations
- This project was a submission to HackIllinois 2018

### PROJECT 829

Sep 2017 – December 2017 | Urbana, IL

- Created a landing page for an app
- Worked with team to develop the app Trade, which allows you to seamlessly share social media profiles with a single click

### HACKREACTION

June 2016 – August 2016 | Pune, India

- Organized a hackathon for 150 students, sponsored by Thoughtworks
- Handled all technical responsibilities including development of website, rules of events, and management of workstations for attendees

## EXPERIENCE

### ACCESSIBLE MEDIA SERVICES | MULTIMEDIA ASSISTANT

August 2018 - August 2019 | Champaign, Illinois

- Transcribing lecture videos for the Division of Disability Resources & Educational Services at the University of Illinois - Urbana Champaign

### SPEAK | IT TEAM MEMBER

January 2016 – July 2017 | Pune, India

- Organized open mics and performance showcases
- Created and maintained website and provided other technical assistance

### TATHAPI | VOLUNTEER

April 2016 – May 2017 | Pune, India

- Improved website interface
- Digitized documents for public awareness of violence against women and sexuality
- Digitized and uploaded the library of health resources and managed their social media presence

### IGNITE SOLUTIONS | INTERN

October 2015 – February 2016 | Pune, India

- Carried out web development and data analysis using Python, Javascript, and HTML/ CSS