# TANISH KHADSE

Central High School, Champaign, IL
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## EDUCATION
**Central High School**, Champaign – Senior (**GPA:** 4.0, Rank 5/317)

## COURSES
- AP Calculus BC, AP US History, AP Computer Science A, AP Computer Science Principles, Honors Science: Biology, Chemistry, AP Physics, Honors Math: Algebra II, Precalculus & Trigonometry, AP Statistics.

## WORK EXPERIENCE
- **Research Internship** (Summer 2021 - current) - interned at the Integrated Urban Climate Research group at UIUC with Professor Ashish Sharma (https://publish.illinois.edu/urban-climate/tanish-khadse)
- **Mathnasium Tutoring** (June 2021-current) – instruct students k-12 on a weekly basis. Help with test preparation and teach new mathematical concepts ranging from basic operations to calculus.

## AWARDS
- 1st place in Digital Agriculture Summer Course Hackathon (2021)
- ILMEA Violinist (2018)
- National Merit Commendation (2021)
- AP Scholar with Distinction (2021)
- Illinois State Scholar Award (2022)

## PUBLICATIONS
- Sharma, A, Chen, F. and **Khadse, T.** Impact of photovoltaic rooftops in the Chicago metro area. *In AGU Fall Meeting* 2021. AGU, 2021. https://agu.confex.com/agu/fm21/meetingapp.cgi/Paper/901521
- Eun, J., Sharma, A., Budhathoki, M., and **Khadse, T.** Using climate models to assess spatiotemporal crime behavior in cities. *In AGU Fall Meeting 2021.* AGU, 2021. https://agu.confex.com/agu/fm21/meetingapp.cgi/Paper/824376
- Sharma, A, Chen, F. Martilli, A., and **Khadse, T.** Potential of photovoltaic rooftops in the Chicago metro area. *Environ. Res. Lett.* (in prep.)

## SKILLS
- Programming languages/computer systems (Java, JavaScript, Python, C++, HTML/CSS, Git)
- Fluent in English & Spanish; Understanding of Hindi.

## VOLUNTEERING
- **USKids4Water** (2020-2021)- taught conversational English skills to students in India to improve their English-speaking confidence
- **SYRA Camp Counseling** (2021) – taught elementary school children about LEGO robotics and organized STEM activities for children.

## EXTRACURRICULARS
- Co-founder and CTO of LITE Web Services: https://litewebservices.github.io/ (2020-current)
- Central Future Business Leaders of America Treasurer (2018-2021)
- Ctrl-Z Robotics Team (2019-2021)