

# Tanishq Dubey

University of Illinois - Computer Engineering

## about

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USA

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## languages

English, Spanish, Hindi

## programming

Java, Python,  
C++, C,  
JavaScript

## other links

GitHub: tanishq-dubey  
LinkedIn:  
tanishqdubey

## experience

- 2015-Present **University of Illinois - Urbana Champaign** Course Assistant  
*Mentor and Lecturer for CS196. Member of the development and launch team of the course website and taught the next generation of CS students at UIUC.*
- 2015 **University of Illinois - Urbana Champaign** Undergraduate Researcher.  
*Autonomous UAV control using machine vision*
- 2013-2015 **Bodine Electric Company** Summer Engineering Internship.  
*General corporate intern. Developed multiple database tools for engineers, employing advanced data structures.*

## education

- 2014- **BS in Computer Engineering** University of Illinois - Urbana Champaign  
*Currently In Progress*
- 2010-2014 **GED - With Honors** Prairie Ridge High School  
Graduated with 4.0+ GPA

## projects

- 2015 **Spare Change** challengepost.com  
Web App that takes stock data and converts it into music. Winner of the Bloomberg prize at HackIllinois 2015
- 2015 **UAV Vision Based Positioning System** wiki.cites.illinois.edu  
Use on board cameras and offline databases to automatically find the position of a UAV. Researched under Fardin Abdi and Professor Marco Caccamo. Winner of the UIUC PURE Best Poster.
- 2012 **Boreas Snow Day Calculator** play.google.com  
Predicts the chances of a snow day using a machine learning based back-end. Picked up by the Associated Press and various other news sources

## student organizations

- 2015- **ACM UIUC** Member  
Active member of ACM and SIGMobile, a Special Interest Group dedicated to Android development
- 2015- **Illini Formula Electric** Driver Interface Team  
A team for building a electric race car. In charge of integrating an Arduino and display into the car for sensor analysis and readout

## interests

Mobile Development, Distributed Computing, High-Speed Computing Systems, Computer Vision Systems, Autonomous/Control Systems, Cryptography