

# Tanishq Dubey

University of Illinois - Computer Engineering

## 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.*

## about

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Champaign, IL, 61820  
USA

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## languages

English, Spanish, Hindi

## programming

Java, Python,  
C++, C,  
JavaScript

## other links

GitHub: tanishq-dubey  
LinkedIn:  
tanishqdubey

## education

- 2014-2017 **BS in Computer Engineering** University of Illinois - Urbana Champaign  
*Currently In Progress*

## projects

- 2015 **Atlas** devpost.com  
Modular, scalable information panel an webapp for bartenders and managers.  
1st place at Hack the Bar UIUC 2015
- 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 with 10,000+ downloads.

## student organizations

- 2015- **ACM UIUC - SIGOPS Vice-Chair** Member and SIG Vice Chair  
Active member of ACM, Vice-Chair of SIGOPS (Operating Systems) and helper of SIGMobile (Android Development).
- 2015- **HackIllinois** Software Hacker Experience Lead  
In charge of a team developing tools for making software hacking as easy as possible. Developed premade environments and a easy deployment server for hackers.
- 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