

Tanishq Dubey

University of Illinois - Computer Engineering

about

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USA

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languages

English, Spanish,
Hindi (Speaking)

programming

Java, Android,
Python,
Django, C++, C,
JavaScript, Node.JS

other links

GitHub: tanishq-dubey
LinkedIn: in/tanishqdubey

experience

- 2015-Present **University of Illinois - Urbana Champaign** Course Assistant
Mentor and Lecturer for CS196. I helped in the development and launch of our 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
- 2010-2015 **Bodine Electric Company** Summer Engineering Internship.
General corporate intern. Developed multiple database tools for engineers, employing advanced data structures.

education

- since 2014 **MS 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

affiliations

- 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