

Tanishq Dubey

University of Illinois - Computer Engineering

experience

2016-Present	ECE 391	Teaching Assistant
	TA for the capstone Computer Engineering operating systems course.	
2016	The Climate Corporation	Software Engineering Intern
	In charge of rewriting a backend service that allows users to perform crop monitoring and information sharing between users	
2015-2016	Anheuser-Busch InBev	Engineering Intern
	Developed hardware and software solutions for customer interactions and engagement.	
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 and CAD software	

about

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USA

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languages

English, Spanish, Hindi

programming

C, C++,
Java, Python

other links

GitHub:
tanishq-dubey
LinkedIn:
tanishqdubey

education

2014-2018	BS in Computer Engineering	University of Illinois - Urbana Champaign
	Currently In Progress	

projects

2016	Gyarados	https://github.com/tanishq-dubey/gyarados
	A micro kernel written from scratch for ECE 391 at UIUC. Features scheduling, multiple terminals, a full featured shell, and EXT2 FS support	
2015	Atlas	devpost.com
	Modular, scalable information panel a 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
	Used on board cameras, embedded systems, 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.	

student organizations

2015-Present	ACM UIUC - SIGOPS Chair	Chair
	Active member of ACM, Chair of SIGOPS (Operating Systems) and member of SIGMobile (Android Development).	
2015-Present	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.	