

Tanishq Dubey

University of Illinois Urbana Champaign - Computer Engineering

experience

2017	Abbvie	Software Engineering Intern
	Developed infrastructure tools for the Abbvie AWS backend for on the fly server generation, realtime server monitoring, and smart system backups	
2016-Present	ECE 391	Teaching Assistant
	<i>TA for the capstone Computer Engineering operating systems course.</i>	
2016	The Climate Corporation	Software Engineering Intern
	<i>In charge of rewriting a backend service that allows users to perform crop monitoring and information sharing between users</i>	
2015-2016	Anheuser-Busch InBev	Engineering Intern
	<i>Developed hardware and software solutions for customer interactions and engagement.</i>	
2015	University of Illinois - Urbana Champaign	Undergraduate Researcher
	<i>Autonomous UAV control using machine vision</i>	
2013-2015	Bodine Electric Company	Summer Engineering Internship
	<i>General corporate intern. Developed multiple database tools for engineers, employing advanced data structures and CAD software</i>	

about

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(847)-852-6410

languages

English, Spanish, Hindi

programming

C, C++, x86, Verilog,
GEM5, Verilog,
Java, Python

other links

GitHub:
tanishq-dubey
LinkedIn:
tanishqdubey

education

2014-2018	BS in Computer Engineering	University of Illinois - Urbana Champaign
	<i>Currently In Progress, Graduating in May 2018</i>	
	Relevant Coursework: Computer Systems Engineering (391), Computer Architecture (411 and 511 (Graduate), Verilog/GEM5), Digital Systems (385), Applied Machine Learning (498), Virtual Reality (498), Distributed Computing (425), Parallel Programming (408, CUDA)	

projects

2017	Clearwaters	
	ARM64 Cluster designed to help students learn about distributed computing topics	
2016	Gyarados	Private Repo, Please contact for details
	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 web app 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
	UAV location detection with extensive sensor failure. UIUC PURE Best Poster winner.	

student organizations

2015-Present	ACM UIUC - SIGOPS Chair	Chair
	Active member of ACM, Chair of SIGOPS. Designed and built student operated campus cluster.	