Shantanu Tulshibagwale

University of Illinois at Urbana-Champaign
Projected: **Dec 2018** | Tech GPA: **3.89**

Relevant Coursework

Data Structures	Computer Arch.
Systems Prog.	Virtual Reality
Security I	Computational
Algorithms I	Linguistics
Web Programming	Computational
Cognitive Science	Photography

Involvement

Staff at Reflections|Projections
Jan '17 – present
Responsible for bringing in top industry and professorial talent as speakers, and for building the event's Android app.

Treasurer at Chai Town
Jun '16 - May '17
Currently singer in an acapella group that tours the country every year, performing for thousands of fans around the world.

Staff at HackIllinois
Aug '15 – Mar '17
Built hackathon judging system, built four-story LED 'I' during event, helped plan the largest midwestern hackathon

Organizer/Teacher for CS@IL SAIL
Jan – Aug '16, Apr '17
Organized event for hundreds of high schoolers interested in CS at UIUC in 2016, taught a Markov models class in 2017.

Tech
Proficient: **Python, C, C++, C#, Java, Haskell, Javascript, Android, git, Arduino, Docker, Kubernetes**
Familiar: **Rust, Go, Unity3D, HTML/CSS**

Work Experience

Software Engineering Intern at eBay
May – Aug '17
Currently working on building monitoring and alert tools for applications on Kubernetes, across huge-scale infrastructure.

Software Engineering Intern at Jump Trading
Sep '16 – May '17
Created configuration and testing tools, as well as a new type of gateway, for one of the leading private quant firms for their new Bitcoin trading platform.

Machine Learning Intern at Ampool
May – Aug '16
Designed and implementing a user-facing API in Python and R for this Java-based in-memory distributed database.
Built a machine learning use case to demonstrate my work, as well as Ampool's effectiveness. My work helped win contracts with a leading CRM provider.

Software Intern at Persistent Systems
Jun – Aug '14
Developed UI and Bluetooth connectivity for Android app to collect, process, and store data from compatible medical devices, visualize the data, and transmit it to a doctor.

Course Staff for Virtual Reality
Jan – May '17
Helped run CS498: Virtual Reality, including rewriting exams, reworking and grading assignments, and helping students understand and apply the material.

Personal Projects

Build-a-Bot Workshop Markov Chains for Kids
April '17
Taught a class at CS@Illinois SAIL, teaching kids how to create their own Markov chain-based text bot, from a Twitter or Reddit account.

Moves Like Escher Trippy puzzling in VR
Sep – Dec '16
Short VR puzzle game for Oculus Rift, in a world where space and gravity warp! Created game mechanics, modified gravity, warped space, made level 3, (WIP) port to non-VR systems.

Slapp Information Exchange for Wearables
Sep – Dec '15
App exchanges contact information with a high five, for Android, Android Wear, iOS, and Pebble. Led team, built web backend, Android Wear app.

find more of my work at github.com/shantulshi or linkedin.com/in/shantulshi!

📞 *(408) 686-4294* • ✉ *tulshib2@illinois.edu* • 🌐 *shantulshi.github.io*