

# Shantanu Tulshibagwale

University of Illinois at Urbana-Champaign  
Projected: May 2019

## 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 '16*

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 implemented 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*

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*

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](https://github.com/shantulshi) or [linkedin.com/in/shantulshi](https://linkedin.com/in/shantulshi)!