Shounak Kulkarni

shounakkulkarni.com ▪ github.com/shounak ▪ 512-739-4348 ▪ hello@shounakkulkarni.com

Experience

Summer 2016   **Research Now –** *Front-end Engineering Intern*
- Completed a 10X speed up of the internal sales web app and expanded its functionality to address complex new market segments by porting it over to a modern ReactJS front-end and Groovy back-end
- Made a multi-browser extension for millions of users to be notified about new surveys available to them

Summer 2015   **Dell -** *Product Management Intern*
- Collaborated with salespeople and the engineering team to add new functionality to the Dell IT Sales web app used daily by over 16,000 salespeople including automatic report generation, simplifying the database API, reorganizing to simplify workflow, and modernizing the UI

Summer 2014   **Microsoft -** *Service Engineering Intern*
- Built an application that reduces time to deploy Windows Phone feature updates to production servers from 2 hours to 15 minutes by allowing engineers to clone data center environments

May 2013 to May 2014   **Natural Science and Engineering Research Lab at UT Dallas -** *Automation Engineer*
- Led an initiative to save over 500 hours of researcher time per year by creating desktop apps that automated lab equipment to run lab tests overnight and graph the results
- Created an Android app that visualizes real-time data from an array of experimental radiation sensors

Summer 2012   **Internal Drive Technology Camps -** *Instructor*
- Taught high school students C++, Java, Python, and JavaScript at week-long overnight camps

Projects

Google IoT Research
- Won a grant from Google Research to do user studies on ways to select from a large list of Bluetooth IoT and Physical Web devices in an area. Submitted improvements to Google's open-source Physical Web code
- Wrote paper to be published at the ACM-CHI Conference this February

UT Dallas Mobile App
- An iOS and Android official school app to be released to the 25,000+ student body this fall
- Features include using machine learning to recommend events and clubs, a distributed queue to show an Uber-style live view of transportation options, and a network of BLE beacons to show what's happening around the user, currently crowded dining areas, and automatically check-in to events

InSight
- A Google Cardboard app that simulates colorblindness and other vision impairments
- Won 3rd place of 150 teams, HackHarvard hackathon 2015

Patient Web Portal
- A public facing patient web portal for EMR company Aprima Inc. that lets patients message their physician, view prescriptions, see and book appointments, etc.
- Won 1st place of 18 teams, UT Dallas Senior Design Competition

Activities

August 2012 to Present   **Association for Computing Machinery (ACM) Student Chapter –** *Founder, Director*
- Coordinated with other officers to organize biweekly meetings of 350+ attendees
- Contacted large area companies to give tech talks and sponsor events
- Worked with school faculty to run programming workshops and hold CS outreach events such as Hour of Code and Engineering Week
- Led intensive PR efforts for each event, with campaigns on social media, email, web, and more

August 2014 to Present   **Hack UTD –** *Founder, Director*
- Now in its third year, Hack UTD is one of the largest annual hackathons in Dallas with 600+ participants and $60,000+ in corporate sponsorship
- Helped organize the event, including marketing, location, food, prizes, events, and school approval
- Contacted companies to sponsor, judge, mentor, and hold workshops

Education

The University of Texas at Dallas

B.S. in Computer Science (Focus: Human-Computer Interaction)   GPA: 3.8