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Portfolio: <http://she1991.github.io/>

Akash Shetye

Education

University of Texas at Austin, School of Information
MS in Information Science

Aug 16 - May 18

Exploring UI/UX research and fundamentals. Complementing Front-End development skills with an understanding of user centered design.

College of Engineering, Pune
B.Tech, Computer Engineering

Sep 10 - May 13
GPA 8.52/10

Undergraduate degree in computer engineering at CoEP, one of Asia's oldest and India's nationally ranked engineering colleges.

Work

Graduate Research Assistant, University of Texas Libraries

Sep 16 - Present

Optimizing subscription costs. Developed multicolumn-fuzzy VLOOKUP in Python for reconciling human-curated and machine-generated data. **Identified over 2k duplicate library assets.**

Front End Developer (Analyst), Credit Suisse

Aug 14 - Jul 16

Designed and implemented several client-facing user interfaces for entitlement and audit products. **Led re-design of a market leading entitlement management platform.**

Portfolio Margin Developer (Analyst), Credit Suisse

Aug 13 - Aug 14

Worked on features for the margin calculation engine primarily in C++, **plugged 99% of memory leaks** in the codebase along with performance improvements.

Volunteering

UN-Global Pulse

Sep 15 - Dec 15

Investigate Wikipedia as a Big Data source to inform Child Marriage Policy. **Crawling using PyWikiBot and D3.js for visualizations.**

CCF

Oct 14 - Jan 15

Worked with Cambodian Children's Fund **prototyped a simpler and faster 3 step donation experience** using a card based approach.

UNDP

Feb 13 - Apr 13

Automated using Python, the localization process for MyWorld2015.org using crowd-sourced translations.

Skills

Low-Fi Prototyping, UX and AB Testing, Functional Mockups and Front End Development.

Feature Analysis and Value Proposition.

Open Source & Projects

turnpdf.js

Personal Project to make a FOSS PDF flip-book renderer purely in JavaScript **based on Mozilla's PDFjs.**

Contributor, MIXX

Developed features for FOSS DJ software. Predominantly in C++, optimized bulk file operations, on-click reset and rewind.

MIT Media Lab Workshop

Introduced to prototyping, UX and design thinking. Prototyped social app for sporting events.

Tools

Proficient: JavaScript, SQL, CSS and Python.

Intermediate: Java and C++

Frameworks: D3.js, ExtJS, learning AngularJS and React