BHAKTI BHIKNE
UX Researcher & Designer

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EXPERIENCE

Research Assistant | IDC, IIT-Bombay
April '18 - December '18 | Mumbai, IN

-Conducted longitudinal studies for usability testing of accessible Marathi keyboard; Research article under preparation.

-Designed an accessible keyboard integrated with voice input for Marathi.

Design Research Intern | IDC, IIT-Bombay
May '17 - April '18 | Mumbai, IN

-Conducted longitudinal studies to test two input methods (speech and keyboard) on virtual keyboards for Indian languages; Research published in an international conference.

-Contributed on a research problem that evaluated the thumb movement alternacy for two thumb input in Marathi keyboard layouts; Research published in an international conference.

UX Intern | Fedora, Outreachy - Dec '16
Dec '16 - Mar '17 | Remote

-Primary research for firewall interface across open source systems and stand - alone server applications.

-Designed wireframes and working prototypes for Cockpit's firewall GUI and performed usability tests.

PROJECTS

Secure-Shell Android Application
Aug '16 - May '17

-Identifying loopholes in existing lock screen applications.

-Designing and implementing wireframes to a high fidelity prototype that overcomes the existing loopholes.

EDUCATION

B.E., Computer Science
University of Pune
GPA : 4 /4 | July '13 - May '17

PUBLICATIONS

1) How Much Faster Can You Type by Speaking in Hindi? Comparing Keyboard-Only and Keyboard+Speech Text Entry | IndiaHCI '18
Bhakti Bhikne, Anirudha Joshi, Manjiri Joshi, Shashank Ahire, Nimish Maravi

2) Revisiting "Hole in the Wall" Computing: Private Smart Speakers and Public Slum Settings | ACM CHI '18
Simon Robinson, Jennifer Pearson, Shashank Ahire, Rini Ahirwar, Bhakti Bhikne, Nimish Maravi, Matt Jones

3) Evaluation of Thumb-Movement Alternacy for Two-Thumb Input in Marathi Soft Keyboard Layouts | INTERACT '17
Santanu Dutta, Nimish Maravi, Bhakti Bhikne

4) Secure-Shell App for Protecting Data of Lost Android Device | IJSTE April 2017
Payal Andekar, Bhakti Bhikne, Manisha Daphal, Aishwarya Supekar, Harmeet Khanuja

SKILLS

UX Research and Design
Persona Creation
Usability Testing
User Interface Wireframing
User Interface Prototyping
Quantitative and Qualitative Analysis

Design Tools
Inkscape
Adobe Illustrator
Balsamiq

Programming:
Java
CSS
HTML
JavaScript
SQL