

BIJU THANKACHAN

Doctoral Student and Researcher

EXPERIENCE

6/2017 – Till date

Researcher/Doctoral Researcher

TAUCHI, Tampere University, Finland

- Conducting Research Studies
- Designing and Developing gamified application for Naganasan Language
- Designing and developing Healthcare Education Application for Low-Literate Users

Autumn 2018, 2019

Teaching Assistant – Usability Evaluation Methods, with

Dr. Päivi Majaranta at Tampere University, Finland

- Handling weekly exercises, report evaluation, grading

6/2015 – 9/2015

Summer Intern

TAUCHI, Tampere University, Finland

- Conducting Research Studies
- Designing and Developing Reservation System Display Prototype

2/2015 – 5/2015

UX Designer

Holiday Buddy Project, Demola/ University of Tampere

- Developing the UI for Holiday Buddy Mobile Application Prototype
- Conducting User Study
- Documentation of the project

2/2014 – 5/2014

UX Designer and Programmer

Liquid Software, Demola/ Tampere University of Technology (TUT), Tampere

- Team Member of Liquid Software, a highly ambitious project of Intel and Department of Pervasive Computing (TUT), that seeks smooth integration of devices and applications in a pervasive environment
- Conducting User Study
- Documentation of the project

12/2004 – 8/2013

Lecturer – Associate Professor

Various Engineering Colleges in Chhattisgarh, India

- Heading the Department of Computer Science & Engineering
- Academic Planning and Monitoring
- Teaching Graduate Students
- Career counselling and guest lectures at various colleges

EDUCATION

2017 –

Doctoral Program (PhD) in Interactive Technology

Tampere University, Tampere, Finland

2013 – 2018

Master's Program (MS) in Human-Technology Interaction

University of Tampere, Tampere, Finland

2000 – 2001

Master's Program (ME) in Computer Science & Engineering

University of Madras, Chennai, India

1994 – 1998

Bachelor's Program (B.Tech) in Electrical Engineering

Mahatma Gandhi University, Kottayam, India

DEVELOPMENT SKILLS

- Languages and Tools: C, C++
- Front-End Development: JavaScript, HTML, CSS
- Data Science & Machine Learning: R, Python
- Wireframing and Prototyping Tools: Balsamiq, Pencil



PROFILE

Highly motivated and well-read professional looking for an opportunity in an organization that sets tomorrow's trend.

Experienced in working Current interests:

- Voice Assistants
- Voice User Interfaces
- Human-Centered Artificial Intelligence
- Accessibility and Inclusive Technology
- Experimental Research
- Haptic User Interfaces
- Voice Interaction

SOCIAL MEDIA



@bijuthank

LANGUAGES

- English
- Hindi
- Malayalam
- Finnish (beginner)

HONORS AND AWARDS

- Tampere University Ambassador (2018-2020)
- Winner of SOMEJAM 2016 Hackathon, organized by the City of Tampere, Verke – the National Centre for Digital Youth Work in Finland, and University of Tampere. We proposed the design of an application called "Culture Coffee" to promote interaction between different cultures.
- Runner's-up for the Liquid Software Project (in association with Intel and TUT) during Demola Spring 2014.
- Treasurer, International Students of Tampere (ISOT), student association based in Tampere.

PROFESSIONAL SKILLS

- Excellent oral and written communication skills.
- Leadership qualities, work experience with multinational, multicultural groups.
- High EQ, team player, open minded and quick learner.

PUBLICATIONS

- **Biju Thankachan**, Sumita Sharma, Markku Turunen, Juhani Linna, Heli Väättäjä, Reinier Kortekaas, Tom Gross: ICT Based Interventions for Anganwadi Healthcare Workers in Mumbai. INTERACT (4) 2017: 485-487
- Sumita Sharma, Juhani Linna, **Biju Thankachan**, Markku Turunen, Heli Väättäjä, Pekka Kallioniemi, Janet C. Read, Gavin Sim: Parental Perspectives Towards Education Technology in Low-Income Urban Households. INTERACT (4) 2017: 501-503
- **Biju Thankachan**, Sumita Sharma, Tom Gross, Deepak Akkil, Markku Turunen, Shruti Mehrotra, Mangesh Ashrit: Where the Streets Have No Name: A Field Trip in the Wild. Interactions 25(3): 56-60 (2018)
- Sumita Sharma, Andreea I. Niculescu, Grace Eden, Gavin Sim, Dhvani Toprani, **Biju Thankachan**, Janet C. Read, Markku Turunen, Pekka Kallioniemi: Engaging different worlds, one field trip at a time. Interactions 25(3): 46-51 (2018)
- Deepak Akkil, **Biju Thankachan**, Poika Isokoski: I see what you see: gaze awareness in mobile video collaboration. ETRA 2018: 32:1-32:9

REFERENCES

- Dr. Markku Turunen, Professor, Tampere University, Finland markku.turunen@tuni.fi
- Dr. Jaakko Hakulinen, Researcher, Tampere University, Finland jaakko.hakulinen@tuni.fi