Faculty Name:

Brian A. Smith

Faculty Email:

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Lab:

Computer-Enabled Abilities Laboratory (CEAL)

Project Title:

Be There: Help Mediation System

Description:

"Navigating in an unfamiliar environment is difficult for VIPs. One approach to make this more possible is through asking for help and gathering information from surrounding strangers. Prior works reveal that it is challenging to get accurate information and communicate their needs and preferences from sighted strangers.

The project proposes a new class of technology, 4 prototypes, in supporting visual rehabilitation and mediating communication by bridging the social barriers between sighted and blind/low-vision people (VIPs), enabling them to connect and collaborate to complete daily tasks in a public environment. We evaluate them through a user study with 10 pairs of sighted and visually impaired participants.

NOTE: Our advertised start and end dates are flexible."

Location of Research:

On-Site

# of hrs/week:

40

Department/Program:

Computer Science

Eligibility:

BS, Second Year, BS, Third Year, BS, Fourth Year, MS

To apply, please contact:

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