CTHCI Lab 4
Writing a Review

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A01 Reflection

- Paper classification: generally great!

- Improve precision and specificity of used words
  - "~~User performance~~", "~~a method~~", "~~a study~~", "~~explore~~"
  - "Typing **speed**", "**Gestural** keyboard", "Comparing **A to B**", "Survey **160** blind people in …"

- Acquire papers that are important for the main contribution of the target paper

Contribution and Benefits Statements

Context type: Using Hand Posture Information to improve mobile touchscreen text entry

"It is based on detecting the hand posture of the user. It tries to improve the devices and the experience of the users using them. The result of Context type showed that it has no effect on speed typing but it makes a significant improvement on total error rate."

- Is this a good summarisation?

Contribution and Benefits Statements

Context type: Using Hand Posture Information to improve mobile touchscreen text entry

"It is based on detecting the hand posture of the user. It tries to improve the devices and the experience of the users using them. The result of Context type showed that it has no effect on speed typing but it makes a significant improvement on total error rate."

- In the contribution statement context is key

- References should be clear

- Do not use undefined terms or acronyms

- Only report the key benefits with precision

Describes the design and evaluation of a high perfomance soft keybord for mobile devices by comparing it to QWERTY keyboard layout.
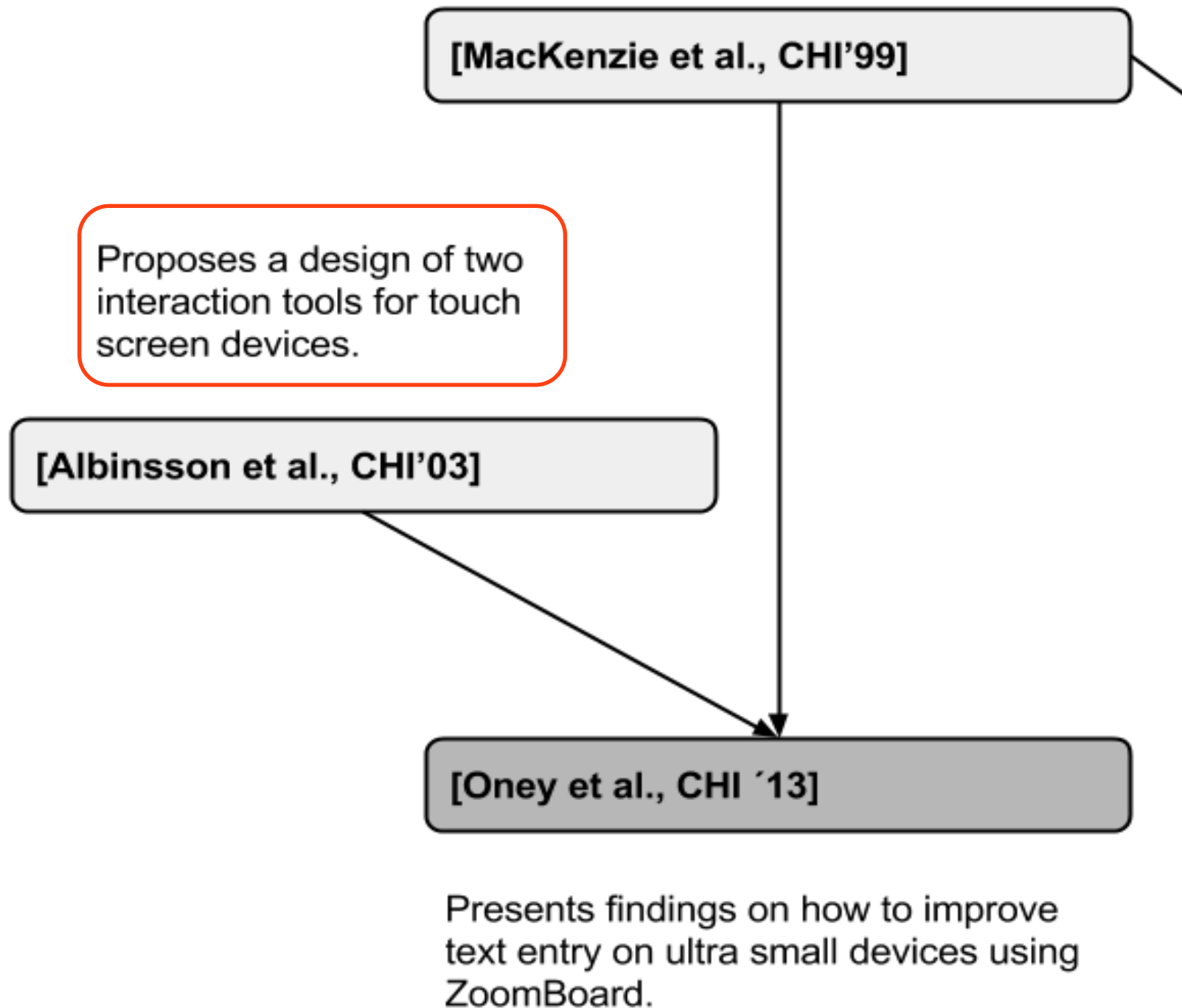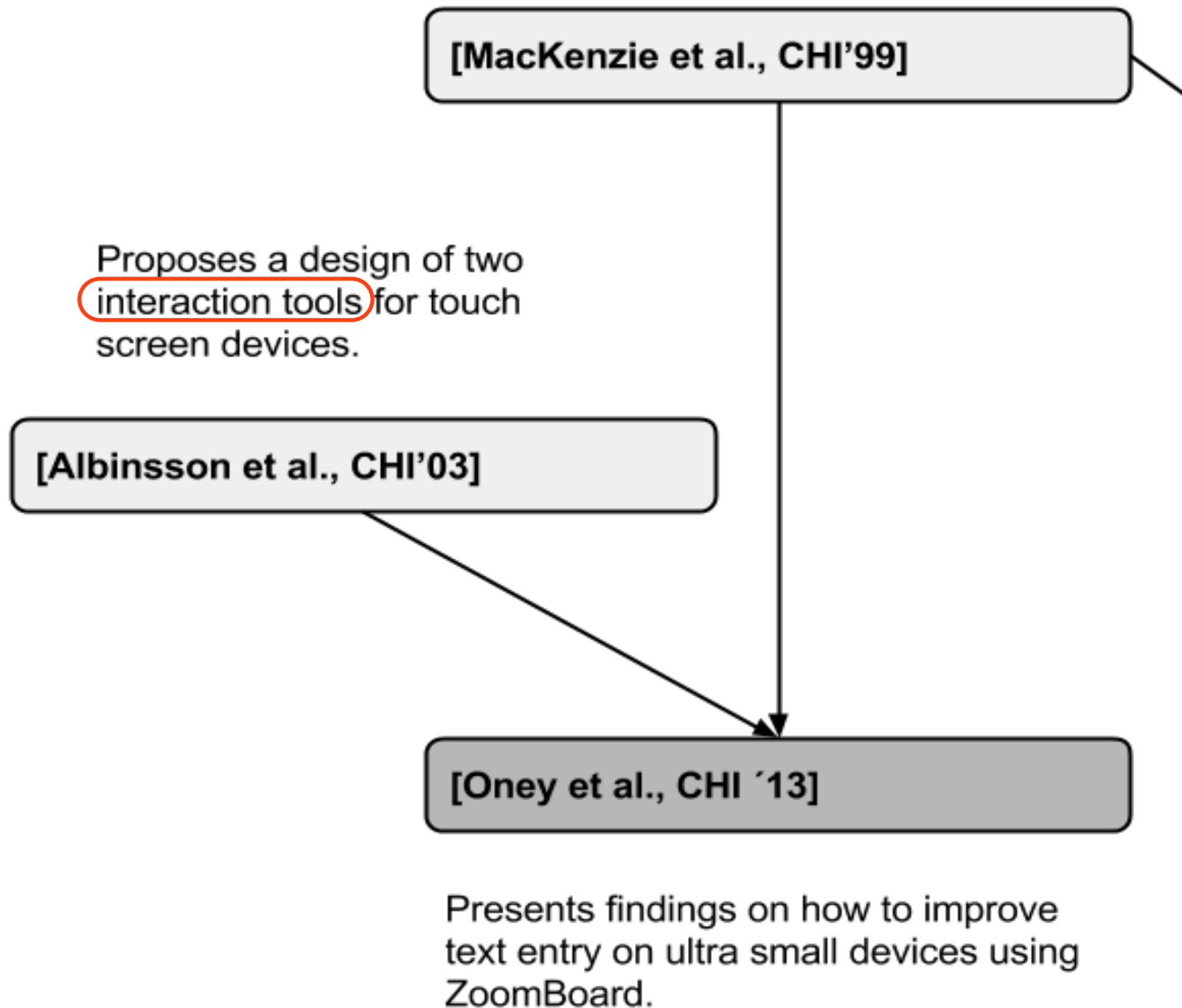
[MacKenzie et al., CHI'99]

Proposes a design of two interaction tools for touch screen devices.

[Albinsson et al., CHI'03]

[Oney et al., CHI ´13]

Presents findings on how to improve text entry on ultra small devices using ZoomBoard.

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A panel which focus on the
problem that improving
user interface for the
'standard user' may worsen
them for the handicapped

Buxton, SIGCHI '86

Compare methods and
efficiency on touch
interface use between blind
and sighted people

Shaun K. Kane, CHI '11

Compare methods and
error rates when using
voice command as text-
entry between blind and
sighted people

Shiri Azenkot, ASSETS '13

A panel which focus on the
problem that improving

Several eyes-free text entry methods were proposed and evaluated
with sighted people (*e.g.*, [30]), but they may not be appropriate
for blind users. As Kane *et al.* found [14], blind people have
different preferences and performance abilities with touch screen
gestures than sighted people.

Compare methods and
efficiency on touch
interface use between blind
and sighted people

Shaun K. Kane, CHI '11

Connection?

Compare methods and
error rates when using
voice command as text-
entry between blind and
sighted people

Shiri Azenkot, ASSETS '13

Criteria for a Good Paper

- Contribution: What new insight does it bring to the field?

- Benefits: What can one learn from this / do with this?

- Novelty: Prior publications?

- Validity: Are the claims properly backed up?

- Applicability: How good does the paper match the likely audience?

- Format: Readability and clarity

Structure of a Review

- Overall rating: 1: definite reject – 5: definite accept

- Short summary of the contributions and benefits
  - "This paper presents… (who) will benefit from (what)

- Concerns
  - Originality
  - Validity
  - Clarity

- Suggestions for improvement

- Reviewer's expertise: 1: no knowledge – 4 expert

Reviewing Checklist

- Recommending accept

    - Convince yourself that it has no serious defects

    - Convince the editor that it is of an acceptable standard, by explaining why it is original, valid, and clear

    - List the changes that should be made before it appears in print

        Where possible: indicating not just *what to change* but *what to change it to*

    - Take reasonable care in checking details, e..g, mathematics, formulas, and bibliography

- Recommending reject

    - Clearly explain the faults and, where possible, discuss how they could be rectified

    - Indicate which parts of the work are of value and which should be discarded

    - Check the paper to a reasonable level of detail

From *Writing for Computer Science* (Zobel, 2004)

Reviewing Checklist

- Always do the following in either case

    - Provide good references with which the authors should be familiar

    - Ask yourself whether your comments are fair, specific, and polite

    - Be honest about your limitations as a referee of that paper

    - Check your review carefully as you would check one of your own paper prior to submission

From *Writing for Computer Science* (Zobel, 2004)

In-Class Practice

Writing a review of an evaluation section