Hyoungwook Jin

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EDUCATION

Korea Advanced Institute of Science and Technology (KAIST)
Daejeon, South Korea
Mar 2023 - Present
- MSc in Computer Science (Specialization: Human-Computer Interaction)
- Advisor: Juho Kim

Korea Advanced Institute of Science and Technology (KAIST)
Daejeon, South Korea
Sept 2015 - Feb 2023
- BS in Computer Science (GPA: 4.0/4.3, Summa Cum Laude)

Yew Chung International School of Beijing
Beijing, China
Dec 2011 - Jun 2015
- IB Diploma (41 out of 45, Valedictorian)

RESEARCH INTEREST

My research has been on supporting personalized learning environments at scale. I am looking into leveraging AI agents as tutors and tutees to build interactive learning systems personalized to each learner's prior knowledge level and learning styles.

PUBLICATION

Conference & Journal Papers

[c.2]   **ProcessGallery: Illustrating Design Principles in Online Example Galleries through Early and Late Iterations of Visual Designs.**
Grace Yu-Chun Yen, Jane L E, **Hyoungwook Jin**, Mingyi Li, Grace Lin, Isabelle Yan Pan, Steven P. Dow.
CSCW 2024: ACM Conference on Computer-Supported Cooperative Work. (to appear)

[c.1]   **CodeTree: A System for Learnersourcing Subgoal Hierarchies in Code Examples.**
Hyoungwook Jin, Juho Kim.
CSCW 2024: ACM Conference on Computer-Supported Cooperative Work. (to appear)

Posters, Demos, and Workshop Papers

[p.3]   **Learnersourcing Subgoal Hierarchies of Code Examples.**
Hyoungwook Jin, Juho Kim.
L@S 2022 Workshop.

[p.2]   **automaTA: Human-Machine Interaction for Answering Context-Specific Questions.**
Changyoon Lee*, Donghoon Han*, **Hyoungwook Jin***, Alice Oh. *contributed equally
L@S 2019 Work-in-progress.

[p.1]   **SolveDeep: A System for Supporting Subgoal Learning in Online Math Problem Solving.**
Hyoungwook Jin, Minsuk Chang, Juho Kim.
CHI 2019 Extended Abstract.

EXPERIENCES

Research Intern (KAIST KIXLAB)
Daejeon, South Korea
Dec 2017 - Feb 2023
- Collaborated with *Juho Kim* on projects that leveraged learnersourcing to support personalized math and programming learning at scale [c.1, p.3, p.1].

Research Intern (USCD DesignLab)
Remote
Jun 2022 - Sept 2022
- Collaborated with *Steven Dow*, *Haijun Xia*, *Jane E*, and *Grace Yen* on projects that explored the timing of feedback and the configurations of examples for effective visual design [c.2].

Web Developer (<u>VCNC</u>)
- Built a non-face-to-face used car trading site "Casting" that transacted 200+ purchases.
- Led the 3-month rapid development of the first minimum-viable product.
- Developed a safe design system that prevents misuse of components and styles.

Seoul, South Korea
April 2020 - Oct 2021

Android Developer *(<u>VCNC</u>)*
- Built a ride-hailing service app "타다" (TADA) that had more than a million users.
- Developed both the rider and driver apps using Kotlin, ReactiveX, and Uber RIBs.

Seoul, South Korea
Aug 2019 - April 2020

World Friends IT Volunteers
- Taught HTML, CSS, Javascript, and web design to 80 students at Addis Ababa Institute of Technology, Ethiopia.

Addis Ababa, Ethiopia
Jun 2017 - July 2017

SKILLS

Languages: HTML/CSS, JavaScript, Typescript, Kotlin, Python

Frameworks: Next.js, Angular.js, Express, Uber RIBs (Android)

Libraries: React.js, Redux, Redux-saga, Apollo GraphQL, CSS-in-JS, Cypress.io

Other: Git, Firebase, AWS EC2, Algorithms (<u>LeetCode Profile</u>)

AWARD

KAIST Leadership Award
- Awarded for volunteer and leadership activities, including World Friends IT volunteers in Ethiopia.

Sep 2018

KAIST Community Service Scholarship
- Recognized for community services as the head of the international secretariat at the student council.

Aug 2017