

ALEX NOH

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RESEARCH INTERESTS

My research interests lie in **Human-AI Interactions**, **eXtended Reality (XR)**, and **Accessibility**, particularly building, evaluating, and studying AI and XR systems that enable novel interactions and augment human cognition. Currently, I am working on AI-mediated systems for knowledge work and cognitive accessibility.

EDUCATION

Simon Fraser University

Bachelor of Science, Computing Science

Expected Graduation: May 2027

GPA: 3.88/4.33

PUBLICATIONS

Alex Noh, Parastoo Safikhani, Anjun Zhu, Wolfgang Stuerzlinger, Lawrence Kim. (2026) **Exploring Diminished Reality for Attention Support: A Co-Design Study with Students with ADHD**. (DIS '26)
<https://dl.acm.org/doi/10.1145/3800645.3813095>

Sarah Jade Pratt and **Alex Noh**. (2025) **SyncFeel: Wearable Multi-Modal Rhythm Stimulation for Attention Enhancement**. (UIST Adjunct '25) [SIC Finalist] <https://doi.org/10.1145/3746058.3758974>

IN SUBMISSION & PREPARATION

Anjun Zhu, **Alex Noh**, Lawrence Kim. (2026) **Inception: Aligning Agent and Human Memory Through Consolidation for Always-on AI Wearables**. *In submission*

Eneas Holanda Arrais, **Alex Noh**, David Lindlbauer, Wolfgang Stuerzlinger. (2026) **Understanding the Effect of Diminished Reality Screen Filters**. *In submission*

Alex Noh, Anjun Zhu, Duc Ahn Nguyen, Wolfgang Stuerzlinger, Lawrence Kim. (2026) **Selective Co-presence: Diminishing Co-presence for Attention Support for Adults with ADHD**. *In preparation*

Alex Noh, Parmit Chilana. (2026) **Investigating AI-supported Reading for Scholars with ADHD**. *In preparation*

Anjun Zhu*, **Alex Noh***, Oliver Lim, Lawrence Kim. (2026) **Solaris: Collaborative Memory for Wearable Agents through Scope Reconciliation**. *In preparation*

EXPERIENCE

Simon Fraser University

USRA Research Assistant (with Dr. Parmit Chilana)

Burnaby, BC

May 2026 - Present

Leading a research study on AI-supported scholarly reading for researchers with ADHD, investigating the effects of AI support, collaboration, and disruption on ADHD scholarly reading workflow.

Research Assistant (with Dr. Lawrence Kim & Dr. Wolfgang Stuerzlinger) *May 2025 - Present*

Leading a research project on the novel use of Extended Reality and Artificial Intelligence to support students with ADHD in attention management, resulting in a first-author DIS publication, and co-authored UIST SIC Finalist submission.

Amazon Web Services *Vancouver, BC*

Software Developer, Practicum *May 2024 - September 2024*

Developed client-facing latency visualization and optimization tool, and RAG LLM chatbot for AWS Sync team.

Douglas College *New Westminster, BC*

Research Assistant *January 2024 - May 2024*

Collaborated with the Faculty of Applied Community Studies on a VR educational software.

Arcana Studio *Burnaby, BC*

Software Developer, Intern *April 2019 - July 2019*

Developed automation scripts and custom tools for 3D content creation to streamline artist workflows.

RESEARCH MENTORSHIP

Oliver Lim *May 2026 - Present*

Undergraduate RA

Duc Ahn Nguyen *May 2026 - Present*

Undergraduate RA

Audrey Safikhani *September 2025 - May 2026*

Undergraduate RA

SERVICES

Reviewer

NordiCHI, HAI, CSCW (Posters), C&C (Posters), UbiComp (Posters) 2026

Student Volunteer

Salish SIGCHI Celebration of Research 2026

AWARDS

VPRI Undergraduate Student Research Award (USRA) Summer 2026

SFU CS Diversity Award [Shortlisted] Mar. 2026

UIST Student Innovation Contest [Finalist] Sept. 2025

Hy Aisenstat Scholarship 2025

SFU Dean's Honour Roll 2025