

Ted Nguyen

☎ (206) 225 6322 • ✉ tednguyen2020@gmail.com

RELEVANT EXPERIENCE

Microsoft 2019 - Present

Software Engineer II

- Contributed to the development of Microsoft Search, an enterprise search product that integrates work results directly into conventional canvases like [bing.com](https://www.bing.com) or windows search box
- Owned more than 30 ETL data pipelines that process large-scale product telemetry everyday
- Designed and managed a BI dashboard presenting hundreds of business metrics
- Acting as the go-to person for stakeholders when tracking OKRs metrics
- Leveraged cloud-based solutions and ML algorithms to automate back-end data processes, for monitoring and forecasting business goals

iSpace Research Lab, Simon Fraser University 2016 - 2018

Research Assistant

- Conducted UX research using Virtual Reality (VR), e.g., how people can efficiently navigate themselves in VR without getting motion sickness or spatial disorientation
- Designed and developed 3D simulations allowing parameterization for different experiment designs and tracking user behaviors in virtual worlds
DEMO VIDEO: <https://youtu.be/XjglwECr6bA>
- Modeled and prototyped a locomotion interface that uses embodied interactions as a controller for VR users to navigate themselves in VR. PROJECT INFO: <https://naviboard.thinh.ca/>
- Published and presented works at conferences. GSCHOLAR PROFILE: <https://i.thinh.ca/gscholar>

Vietnam National University HCM / Simon Fraser University 2014 - 2018

Teaching Assistant

- Worked as TA at various schools and universities, in many courses, from freshman's to senior's
- Assisted professors in curriculum design, hosting discussion panels, and coaching project teams
- Designed and hosted coding tutorials for programming courses
- Courses: Intro to Multimedia (CMPT165); Multimedia Programming (IAT265); Scientific Methods (SC203); Advanced HCI (IAT351); Tech-based Innovation & Entrepreneurship (CS407-CS409)

PROFESSIONAL CERTIFICATES

Leading in a Remote Environment 2023

HarvardX

Product Management Professional Certificate 2023

University of Maryland on edX

Architecting with Google Compute Engine 2019

Google Cloud on Coursera

IBM Data Science Professional Certificate 2018

IBM on Coursera

EDUCATION

Master of Science in Interactive Technology 2016 - 2018

Simon Fraser University, School of Interactive Arts + Technology (SIAT)

Vancouver, BC, Canada

Bachelor of Science in Computer Science 2011 - 2015

Vietnam National University - HCM, University of Science

Ho Chi Minh City, Vietnam