Ted Nguyen

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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 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 couching 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   `https://i.thinh.ca/leading-remote`
HarvardX

Product Management Professional Certificate   `https://i.thinh.ca/pm-cert`
University of Maryland on edX

IBM Data Science Professional Certificate   `https://i.thinh.ca/ibm-ds-cert`
IBM on Coursera

Architecting with Google Compute Engine   `https://i.thinh.ca/architect-gcloud`
Google Cloud 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*