

# Ted Nguyen

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## RELEVANT EXPERIENCE

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### Microsoft

2019 - Present

#### Software Engineer II

- Contributed to the development of Microsoft Search, an enterprise search product that integrates work results, e.g., shared documents, colleague emails, company bookmarks, into conventional canvases like [bing.com](https://www.bing.com), [office.com](https://www.office.com), or windows search box.
- Owned about 30 data ETL pipelines that process large-scale product telemetry, and a feature dashboard; acting as the go-to person for stakeholders when tracking product metrics.
- Leveraged cloud-based solutions and ML algorithms to automate back-end data processes, for monitoring and forecasting business goals.
- Conducted A/B testing and analyzed scorecards to make data-driven shipping decisions.

### 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.tinh.ca/>
- Wrote up and published scientific reports. GOOGLE SCHOLAR PROFILE: <https://i.tinh.ca/gscholar>

### Instastay

2021 - 2022

#### Property Manager

Side Project

- Utilized the historical low interest rate in 2021, acquiring a 3-bedroom home and transforming it into a short/mid-term rental; Successfully launched and published the first listing in 01 month after acquisition, and achieved Airbnb's Superhost badge in 02 months.
- Consistently maintained positive gross profit every month, after all expenses and mortgage.
- Successfully exited the short-term rental business by converting the property into a long-term rental before economy down turn at the end of 2022 and maintained positive gross income in 2023.

## PROFESSIONAL CERTIFICATES

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### Leading in a Remote Environment

<https://i.tinh.ca/leading-remote>

HarvardX

### Product Management Professional Certificate

<https://i.tinh.ca/pm-cert>

University of Maryland on edX

### IBM Data Science Professional Certificate

<https://i.tinh.ca/ibm-ds-cert>

IBM on Coursera

### Architecting with Google Compute Engine

<https://i.tinh.ca/architect-gcloud>

Google Cloud on Coursera

## EDUCATION

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### 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