

# Vanessa Phung Nguyen

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## EDUCATION

### M.Sc. in Engineering – Information and Communication Technologies

Aug 2019 – current

*Lunds Tekniska Högskola, Lund, Sweden*

Specialising in Usability and Interaction Design. Relevant Coursework: Concurrent Programming, Advanced Interaction Design, Virtual Reality, Virtuality and Cognitive Modelling, Artificial Intelligent.

### Exchange Studies – Software Engineering

Aug 2023 – Jan 2024

*Polytechnique Montréal, Montréal, Canada*

Relevant Coursework: Advanced Cloud Computing, Software Architecture and Advanced Design, Software Quality.

## WORK EXPERIENCE

### Master Thesis | Usability and Interaction Design

Sep 2024 - current

**Tactel AB**

- Currently doing a master thesis in usability and interaction design at Tactel AB.
- Evaluating the usability of an inflight entertainment system with VR technology and eye tracking methodology.

### Summer Intern | UX Design

Jun 2024 – Aug 2024

**Ericsson, Lund, Sweden**

- Led efforts to improve developer experience by overseeing a user acceptance testing process of a software tool for software developers.
- Created and designed a test plan and conducted two user studies with 16 participants in total.
- Documented user feedback, discovered usability problems and analyzed the usability of the product.
- Suggested design improvements and collaborated with development team to improve UX and DX for developers.

### R&D Intern | Virtual Reality Development

Mar 2024 – May 2024

**Frank Valiant, Malmö, Sweden**

- Led research efforts and developments to enhance user experience in 360° virtual environments, focusing on directing user attention effectively towards key elements and focal points.
- Designed and developed prototypes of virtual environments with implementation of attention guidance techniques.
- Conducted user testing to test user acceptance and the effectiveness of various attention guidance techniques.

### Summer Intern | Front end Development

Jun 2023 – Aug 2023

**Axis Communications, Lund, Sweden**

- Led the development of an internationalization feature to enable right-to-left languages and right-to-left logic in a web application using React with TypeScript.
- Effectively utilized Git for version control and managed project tasks and workflows with transparency and accountability using Jira.
- Improved app functionality and increased user experience and satisfaction.

## RECENT PROJECTS

### Freelance Web Designer

Aug 2024 - current

**Viet Cuisine, Lund, Sweden**

- Developed custom web design solution based on client's needs and desires while maintaining usability and functionality requirements.
- Coordinated and collaborated with client throughout the web development process, from concept to launch
- Helped maintaining website content for the client, leading to improved user engagement and significant business growth.

## OTHER WORK EXPERIENCE

### Kitchen Assistant at Viet Cuisine | Part-time

2016 – current

Handle bookings, payments, taking orders, and serving food to customers. Assisting kitchen staff with food preparations when needed. Provided leadership and support to the front-of-house and kitchen teams, ensuring smooth operations.

## KEY SKILLS

### Programming languages:

Java, JavaScript, TypeScript, Python, PHP, C#, SQL

### Areas:

UX/UI Design, VR Development, Software Development, Front end Development, React, Angular, VueJS, NodeJS, MySQL, Android Studio, Unity, UE5, Figma, AWS, Agile & SCRUM.

### Languages:

**Swedish:** Fluent Proficiency

**English:** Fluent Proficiency

**Vietnamese:** Native Proficiency

**French:** Elementary Proficiency