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Bram Peters, MSc Human-Technology Interaction | UX-, UI-, and Interaction Design | Frontend Web & App Development

As a recently graduated Human-Technology Interaction engineer, I am looking for professional challenges where I can combine my UX-, UI-, and Interaction-design and research expertise with my front-end software development and data analytics skills. What drives me is being part of the creation of new innovative technological solutions that address the complex challenges of our ever-evolving society, so let's collaborate and create something powerful together!

Details

Nationality Netherlands Place of birth Mook

Employment

Host and Bartender at Mälarpaviljongen, Stockholm

May 2023 — Present

To anchor myself in Stockholm straight away while on the lookout for a new IT role, I took on seasonal hospitality work at Mälarpaviljongen in Kungsholmen. This helped me to find my spot here in Sweden and allowed me to improve my Swedish skills in a hands-on, dynamic environment as I gear up for a long-term career transition to UX-design and web and app development.

Master Thesis Project at Information Management Services at TU/e, Eindhoven

September 2022 — March 2023

In my master thesis project, I focused on how we can develop a learning dashboard for TU/e's Canvas-platform in a way that is grounded in learning sciences and truly facilitates online learning. Using frameworks from self-regulated learning theory and students' self-reported needs for specific features, I designed and implemented a learning dashboard that visualizes academic performance and provides dynamic, course-level recommendations on how students can improve their learning (i.e., based on aggregate models of clickstream-data and academic results).

Portfolio: [TU/e Learning Dashboard](#)

Content Migration at TU/e, Eindhoven

September 2022 — December 2022

I worked in a content migration project for the information management services-team at my university. Duties included transferring content to the university's new content management system SharePoint, and creating new dynamic web pages and adding metadata and components using Typo3.

Professional Skills Tutor at EuFlex Technificent, Eindhoven

August 2020 — February 2021

I mentored BSc students in the TU/e's professional skills program, which prepares them for their future careers by teaching essential skills such as academic writing, project planning, and team collaboration.

Mobile App Developer at Blue Jay, Eindhoven

March 2019 — November 2019

I developed the Blue Jay App, which enables real-time tracking of Blue Jay drones, an interface that enables easy commands for the drone's operations (e.g., fly-to, change it's lights and displays), and a logbook that archives all historical data on emergencies detected by the drone. The app simplifies the communication between (inexperienced) users and drones, allowing for a safer, more efficient and more intuitive interaction with the drone.

Portfolio: [Blue Jay Eindhoven](#)

Interaction Designer at Blue Jay, Eindhoven

June 2018 — May 2019

At Blue Jay Eindhoven, I was at the forefront of developing a drone that functions indoors, and serves as an intelligent companion for healthcare workers both interactively and autonomously. As an Interaction Designer, my goal was to research and design userfriendly communication channels through which our users could intuitively interact with the drone without the use of a traditional flight controller. This was achieved through the implementation of a responsive LCD-screen with a set of eyes that communicate the state of the drone, a microphone with speech recognition to process commands, and a camera with emotion detection to be able to detect emergencies.

Portfolio: [Blue Jay Eindhoven](#)

Student Mentor at TU/e, Eindhoven

July 2018 — May 2019

MSc Human-Technology Interaction, Technische Universiteit Eindhoven, Eindhoven

September 2019 — March 2023

In the Human-Technology Interaction-program at TU/e, I focused on bridging the gap between people and technology to ensure successful adoption and usage. Besides building experience in performing extensive quantitative and qualitative research in (amongst other domains) UX-design, consumer behavior, human factors and affective computing, my master program gave me the opportunity to specialize and expand my personal interest in web and app development, data mining and business analytics. This has equipped me with the skills and knowledge to design and implement theory-driven, user-centered technological solutions that are both effective and efficient.

GPA: 7.9/10

Thesis: *'Design and Evaluation of a Student-Facing Learning Dashboard Using Theory of Self-Regulated Learning'*

Computer Science Erasmus+ Exchange, KTH Royal Institute of Technology, Stockholm

August 2021 — April 2022

I completed an extended 1-year Erasmus+ Exchange semester at Stockholm's Kungliga Tekniska Högskolan (KTH). I took a combination of courses covering data mining, android development, interaction web programming, and interaction design. This experience not only expanded my knowledge but also enhanced my adaptability and ability to work in multi-national and multi-disciplinary environments.

Portfolio: [Vinobo](#)

Portfolio: [Raspberries](#)

Portfolio: [Reimagining Spotify Podcasts](#)

Bachelor of Science in Psychology & Technology, Technische Universiteit Eindhoven, Eindhoven

September 2015 — August 2019

My bachelor's program equipped me with a deep understanding of how technology impacts people and how psychological principles can be leveraged to enhance technology use. Through this program, I gained a comprehensive understanding of the intersection between psychology and technology, and how this intersection can be leveraged to create impactful technological solutions.

GPA: 8.2/10

Thesis: *'The effects of a virtual model's visual presence on cognitive and affective learning outcomes'*

Links

[Portfolio](#)

[LinkedIn](#)

Skills

UX-Design Research

Usability & A/B-Testing

User-Centered Design

AdobeXD & Figma

Interaction Design

Wireframing & Prototyping

Persona Creating & Storyboarding

Typography & Color Theory

HTML/CSS/JavaScript

React

API Integration

Android Development

Java

Python

PowerBI

DAX

PowerQuery

SQL

Data Visualization

Qualitative Research

Quantitative Research

STATA

Scientific Writing

Video-Editing

Languages

 **English** Native speaker

 **Dutch** Native speaker

 **Swedish** B1

References

References available upon request