# Hiyeon Kim

## Full-Stack Web Developer

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**Address:** Jenaer Straße 42, 99425 Weimar

**Date of Birth:** 2 May 1991

**City of Birth:** Daegu, South Korea

**Nationality:** South Korean

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A full-stack web developer, and an MSc graduate with Human-Computer Interaction major.
Interested in data visualization and user interface engineering, with experience in developing web applications with 3D data and map interface.

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## Education

Oct 2017 - Sep 2020

### Bauhaus-Universität Weimar — Weimar, Germany

**Master of Science:** *Human-Computer Interaction*

- **Relevant Coursework:** Software Engineering, Usability Testing & Usability Engineering, Visualization, Virtual Reality
- A final thesis on designing and developing an interactive visual analysis tool for location inference methods targeting social media data, using Node.js, Vue.js, Mapbox GL js, deck.gl, Plotly.js, and D3.js (2019 WS — 2020 SS).
- A semester project on visualizing disaster-related social media data, using Flask and Leaflet (2018 WS).

Mar 2010 - Feb 2017

### Sungkyunkwan University — Seoul, South Korea

**Bachelor of Arts:** *Philosophy & Bachelor of Science in Engineering: Computer Science and Engineering*

- **Relevant Coursework:** Human Computer Interaction, Data Structures, Algorithms, Computer Networks
- A final thesis on designing and developing an educational software for kids to learn fundamental programming concepts by planning movements of a robot, using PyQT, a GUI module for Python.

Mar 2007 - Feb 2010

### Chungang University High School — Seoul, South Korea

## Work Experience

Mar 2021 - June 2024

### Full-Stack Web Developer

rooom AG — Jena, Germany

- Development of web apps, where the tasks were to implement both the frontend and backend parts of the app, including developing interfactive user interface with 3D data and implementing user authentication and handling database, using various tools such as Vue CLI, Nuxt.js, three.js, Flask, and PostgreSQL.

Aug 2020

## Guest Lecturer

### Gumi Girl's High School — Gumi, South Korea

- Delivered an online lecture on the basics of Python for high school students who are interested in programming and provided feed back on assignments involving Python's Turtle graphics.

Apr 2019 - May 2020

## Research Assistant

### Webis Lab, Bauhaus-Universität Weimar — Weimar, Germany

- Developed a pipeline collecting, processing, and visualizing social media data related to disasters, using Flask, Elasticsearch, Node.js, Vue.js, Mapbox GL js.

Mar 2019

## Interpreter

### Korean Federation of Teachers Unions

- Provided English-Korean interpretation for Korean delegates at the International Summit on the Teaching Profession (ISTP), held in Helsinki, Finland.

Nov 2014

## Interpreter

### Embassy of Finland — Seoul, South Korea

- Provided Korean-English interpretation for business delegates from Finland.

Jul 2012 - Aug 2012

## Administrative Assistant

### Publishing Planning Team at Hankyoreh Newspaper — Seoul, South Korea

- Assisted in planning and preparing documents for a cultural trip for readers, and organized business journalism summer school for children.

Aug 2010 - Jul 2012

## Journalist

### Sungkyunkwan University Newspaper — Seoul, South Korea

- Researched on news stories, conducted interviews, produced news articles as well as proofreading articles and training new staff.

## Skills

- JavaScript/TypeScript
  - Vue.js/Nuxt.js
  - Three.js
  - Mapbox GL js
- HTML/CSS
- Python
  - Flask
- PostgreSQL

## Languages

- Korean — Native
- English — Fluent
- German — Basic

## Achievements

- Received a DAAD-supported scholarship STIBET Abschlussstipendium für internationale Studierende, based on a good academic performance and special final project (Sep 2019).