Keighley Overbay

A computer scientist passionate about unlocking the potential of AI to improve language education around the world.

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EDUCATION

Seoul National University, Seoul, South Korea   **Sep 2021 - Present**
M.S., Computer Science. 3.97 GPA

Harvey Mudd College, Claremont, CA, USA   **Sep 2013 - May 2017**
B.S., Computer Science. 3.85 GPA

Benson Polytechnic High School, Portland, OR, USA   **Sep 2009 – June 2013**
Communications Technology. 4.00 GPA

SKILLS

Programming
- Languages: Python, JavaScript, React, Java, CSS/HTML

Languages
- English: Native
- Korean: Advanced (TOPIK Level 6)

EXPERIENCE

Researcher, SNU Vision and Learning Lab   **Sep 2021 - Present**
Seoul, South Korea
- Researching summarization along with other Natural Language Processing tasks.

Native English Instructor, Orun English Academy   **Mar 2020 – Aug 2021**
Seoul, South Korea
- Created and taught interactive lesson plans to elementary school-aged students.
- Worked alongside fellow teachers to design and execute monthly educational activities based on themes of science and culture.

Native English Instructor, YBM ECC English Center   **Sept 2018 – Aug 2019**
Seongdong-gu, Seoul, South Korea
- Conducted English classes for kindergarten and elementary school students.

Native English Assistant Teacher, English Program in Korea (EPIK)   **Sept 2017 – Aug 2018**
Cheongju, South Korea
- Prepared lesson plans for both the mandatory English curriculum as well as extra-curricular afterschool classes for students in grades 3, 4, 5, and 6 at two public elementary schools.

Software Developer/Project Manager, GoDaddy + Harvey Mudd College   **Sept 2016 – May 2017**
Claremont, CA, USA
- Worked alongside a team of 4 students in an industry-sponsored "Clinic Project" to develop a new feature for GoDaddy's website developer tool.
- Acted as Project Manager for the team to schedule tasks, meetings, and presentations.

Software Engineer Intern, Tableau Software   **Sept 2017 – Aug 2018**
Seattle, WA, USA
- Worked alongside a product testing team to develop automated tests for the company's flagship software product, using Python and a Nose testing framework.
- Expanded on and debugged pre-existing tools written in C++ to mock server connections.

Researcher, UNIST Probabilistic Artificial Intelligence Lab   **Summer 2015**
Ulsan, South Korea
- Researched methods of visualizing neural networks, as well as other popular machine learning techniques.
- Wrote scripts within Autodesk 3DS Max Software to generate conceptual 3D models of neural networks.

SCHOLARSHIPS AND AWARDS

Global Korean Scholar, Global Korean Scholarship Program   **Sep 2021 - Present**
- Recipient of full-ride scholarship for a Master's degree, sponsored by the Korean government for promising international students.

Dean's List, Harvey Mudd College   **2013-2017**

Valedictorian, Benson Polytechnic High School   **2013**

CERTIFICATIONS

TEFL/TESOL Certificate, CIEE   **2017**
- Completed 150-hour certification course for teaching English as a second or foreign language.