

# HOYEOL KIM

elibooklover@tamu.edu

LAAH 549, Department of English

Texas A&M University, College Station, TX 77843-4227

## EDUCATION

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### Texas A&M University, College Station, USA

2017 - Present

Ph.D. in English (ABD) with GR Certificate in Digital Humanities.

Dissertation: "Computational Approaches in the Humanities: from Sentiment Analysis to Deep Learning Colorization."

Committee: Maura Ives (chair), Amy Earhart, Shawna Ross, Ruihong Huang.

### University of Exeter, Exeter, United Kingdom

2013 - 2014

M.A. in English Literary Studies: Victorian Studies.

M.A. Thesis: "Collins's *The Moonstone* and Kipling's *Kim* in the Discourse of Postcolonialism."

### Hankuk University of Foreign Studies, Seoul, Republic of Korea

2006 - 2013

B.A. Major in English Literature, Minor in English Linguistics.

## COMPUTER SKILLS AND NATURAL LANGUAGES

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### Programming/Scripting Languages

Python, R, Swift, SAS, PHP, C++

### Markup Languages

HTML, CSS, XML/TEI, L<sup>A</sup>T<sub>E</sub>X

### Deep Learning Frameworks

PyTorch, TensorFlow, Keras

### Web Frameworks/Platforms

Jekyll, WordPress, Django, Docker, AWS, Bootstrap

### Databases

MySQL, PostgreSQL, SQLite

### Operating Systems

macOS, Ubuntu, Windows, Raspbian

### Natural Languages

Korean (Native), English, Japanese (JLPT N3)

## SCHOLARLY DIGITAL PROJECTS

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### *Victorian400 Dataset*

2019 - 2021

Colorizing Victorian Illustrations with the Victorian400 Dataset.

Ranked with a bronze medal in Kaggle and indexed in Google Dataset Search.

- GitHub: <https://github.com/elibooklover/Victorian400>

- Kaggle: <https://kaggle.com/elibooklover/Victorian400>

### *VictorianLit Dataset*

2020 - 2021

For Deep Learning-Based Sentiment Analysis of Victorian Literary Texts.

Indexed in Google Dataset Search.

- GitHub: <https://github.com/elibooklover/VictorianLit>

- Kaggle: <https://kaggle.com/elibooklover/VictorianLit>

### *Web Companion 2.0* for *Using Digital Humanities in the Classroom* (Peer-Reviewed)

With Shawna Ross, Claire Battershill, and Andrew Pilsch.

*In Progress*

## CERTIFICATES

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### Digital Humanities Graduate Certificate at Texas A&M University

*Completed*

Successfully completed a digital project along with four DH courses (STAT604, ENGL603/604/685).

### Digital Editions, Start to Finish

*May 2019*

Issued by the Center of Digital Humanities Research, Texas A&M University.

**SAS Certified Base Programmer for SAS 9 (92% Pass)**

November 2018

Certificate Verification Number: LQJZ1K12CBBEQ29V

**Certificate of Completion: Encoding and Analyzing Digital Editions**

December 2017

Issued by Initiative for Digital Humanities, Media, and Culture, Texas A&M University.

## EMPLOYMENT

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**Graduate Assistant, Teaching**

2017 - Present

Department of English, Texas A&M University, College Station, TX

**Project Manager & iOS Developer**

2017

Gindo Solution, Washington DC, United States

**Marketing Lead**

2016 - 2017

Tulango, Yonsei University, Seoul, Republic of Korea

**Administrative Coordinator**

2014 - 2015

Graduate School of TESOL, Cyber Hankuk University of Foreign Studies, Seoul, Republic of Korea

**Sergeant**

2007 - 2009

Republic of Korea Air Force Headquarters

## PEER-REVIEWED PUBLICATIONS

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### Journal Articles

“Victorian400: Colorizing Victorian Illustrations.” *International Journal of Humanities and Arts Computing*, vol. 15, no. 1-2, Oct. 2021, pp. 186-202. DOI: 10.3366/ijhac.2021.0269.

“Considering Kim’s Dual Identity in the Post-colonial Discourse.” *Journal of British and American Studies*, vol. 34, 2015, pp. 33-53.

### Book Chapters

“Challenges of Collaboration: Pursuing Computational Research in a Humanities Graduate Program.” *The Digital Futures of Graduate Study in the Humanities*, edited by Simon Appleford, Gabriel Hankins, and Anouk Lang, Part of the *Debates in the Digital Humanities* Series, U of Minnesota P (Forthcoming).

### Tutorials

With Sungjin Ahn, Minji Kang, Donghwan Kim, and JunHyoung Park. “Deep Learning Tutorials with PyTorch.” <https://pseudo-lab.github.io/Tutorial-Book/>.

### Encyclopedia Entries

The NAVER Encyclopedia project, led by Dr. Dongil Lee, was a commercial digital project that a number of scholars participated in. NAVER is one of the biggest tech companies in South Korea.

*NAVER History Encyclopedia: the United Kingdom*, edited by Dongil Lee, Nov. 2015.

- “Queen Victoria and 30 Scottish Kings and Queens.”

<http://terms.naver.com/entry.nhn?docId=3326637&cid=56790&categoryId=58124>

*NAVER Literary Encyclopedia: Looking Closely at Literature*, edited by Dongil Lee, Nov. 2013.

- “*Dubliners* by James Joyce.”

<http://terms.naver.com/entry.nhn?docId=2070515&cid=267&categoryId=1075>

- “*The Moonstone* by Wilkie Collins.”

<http://terms.naver.com/entry.nhn?docId=1996874&cid=267&categoryId=1075>

- “*The Return of the Native* by Thomas Hardy.”

<http://terms.naver.com/entry.nhn?docId=1994729&cid=267&categoryId=1075>

- “*New Grub Street* by George Gissing.”  
<http://terms.naver.com/entry.nhn?docId=1994732&cid=267&categoryId=1075>
- “*The Time Machine* by Herbert George Wells.”  
<http://terms.naver.com/entry.nhn?docId=1996900&cid=267&categoryId=1075>

## CONFERENCES

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- “The Application of Sentiment Analysis in Literary Studies.” KADH2021, Online, November 2021.
- “Challenges and Considerations of Computational Literary Analysis in Different Languages.” ACH2021, Online, July 2021.
- With Minji Kang, Sungjin Ahn, Donghwan Kim, and Sung Won Han. “The Automatic Generation of Contextual Questions and Answers for English Learners” ACH2021, Online, July 2021.  
<https://hcommons.org/deposits/item/hc:40637/>.
- “Dickensian Sentiment and Sentiment Analysis of Victorian Novels.” Dickens Society Symposium 2021, Online, July 2021.  
<https://www.victorianweb.org/authors/conferences/dickens2021.html>.
- “Pursuing Computational Humanities Research as a Graduate Student in the Humanities.” Engaging Open Social Scholarship, Online, December 2020.  
<https://inke.ca/engaging-open-social-scholarship/abstracts/#Kim-Hoyeol>.
- With Maura Ives. “Colorization of Illustrations in Charles Dickens’ Novels Using Deep Learning.” DH2020, Ottawa, Canada, July 2020. [https://dh2020.adho.org/wp-content/uploads/2020/07/183\\_ColorizationofIllustrationsinCharlesDickensNovelsUsingDeepLearning.html](https://dh2020.adho.org/wp-content/uploads/2020/07/183_ColorizationofIllustrationsinCharlesDickensNovelsUsingDeepLearning.html). (*Canceled due to COVID-19*)
- “Victorian400 Dataset for Colorizing Victorian Illustrations.” Keystone DH2020, Philadelphia, USA, July 2020. (*Canceled due to COVID-19*)
- “Limits and Progress of the Syuzhet Package and Its Lexicons.” ACH2019, Pittsburgh, USA, July 2019. <https://elbooklover.github.io/SentimentAnalysisSyuzhet/>.
- “Digital Analysis of Dickensian Characters and the Language of Emotion.” Dickens Society Symposium 2018, Tübingen, Germany, July 2018.

## TEACHING EXPERIENCE

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### **Instructor at Digital Humanities Summer Institute, University of Victoria**

Deep Learning for Humanists

*Summer 2022*

### **Graduate Assistant, Teaching (Instructor)**

#### **Department of English, Texas A&M University**

ENGL 304: Topics in Digital Research

*Spring 2021*

Course Website: <https://elbooklover.github.io/ENGL304-Spring2021/>

Tutorials: <https://elbooklover.github.io/Tutorials/>

ENGL 210: Technical Professional Writing

*Fall 2021*

ENGL 210: Technical Business Writing

*Summer 2021, Spring 2021, Fall 2019, Summer 2019*

ENGL 203: Writing about Literature

*Fall 2020, Spring 2020*

ENGL 104: Composition & Rhetoric

*Spring 2019, Fall 2018*

### **Graduate Assistant (Grader)**

#### **Department of English, Texas A&M University**

ENGL 210: Technical Business Writing

Spring 2018

ENGL 231: Survey of English I

Fall 2017

## FUNDING AND ACADEMIC AWARDS (SELECTED)

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Graduate Assistantship, Department of English, Texas A&M University. 2017 - Present

Graduate Merit Funding of \$1200, Department of English, Texas A&M University. 2021

*Victorian400 Dataset*: Professional Development Grant of \$161, Department of English, Texas A&M University. 2021

*Victorian400 Dataset*: Project Development Grant of \$563, Center of Digital Humanities Research, Texas A&M University. 2020

*Victorian400 Dataset*: Graduate Merit Funding of \$400, Department of English, Texas A&M University. 2020

Initiative for Digital Humanities, Media, and Culture Fellowship of \$500, Texas A&M University for Digital Humanities Summer Institute, University of Victoria 2018. 2018

Digital Humanities Summer Institute Scholarship of CDN\$800, University of Victoria. 2018

## SERVICE TO ACADEMIC ORGANIZATIONS

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Reviewer. DH2022. Tokyo, Japan. 2021 - 2022

External Reviewer. *Digital Humanities Quarterly*. 2020 - 2021  
- Reviewed three DH articles. / Currently reviewing one DH article.

Chair. "Dickens in Translation." Panel Session. Dickens Society Symposium 2021. Online. 2021

Reviewer. ACH2021. Online. 2021

Invited Speaker for the New Graduate Students in English at Texas A&M University. 2020

Korean Translator. Around DH (<https://github.com/go-dh/arounddh2020>). 2020

Korean Translator. Multilingual DH (<http://multilingualdh.org/>). 2020

Reviewer. DH2020. Ottawa, Canada. 2019 - 2020

## PORTFOLIO OF COMMERCIAL (MOBILE APPS)

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K-Town Rewards in DC (Project Management & iOS Dev.) - iOS & Android. 2018  
<https://play.google.com/store/apps/details?id=com.gindosolution.gindoapp.ktownrewards>

Vinny's Grill & Pizzeria 17 (iOS Dev.) - iOS & Android. 2017 - 2018  
<https://play.google.com/store/apps/details?id=com.gindosolution.gindoapp.vinnys>

Tulango (Algorithms, Big Data, UI/UX, Dictionary) - Android. 2016 - 2017  
<https://play.google.com/store/apps/details?id=com.tulango.student>

## WORK AUTHORIZATION

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I hold a permanent resident card in the United States.