

# KUNHEE HA

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## PERSONAL STATEMENT

Part-time Master's student in Computer Science and Artificial Intelligence at the University of York, worked on personal projects listed below while studying to refine and demonstrate my skills as developer. Looking to apply what I'm learning to the field of web and software development. Eager to transfer my propensity for learning new skills to quickly become competent and work with a professional team. Please visit my website for details and source code of listed projects below.

## RECENT PROJECTS

### Password Manager

[Download](#)

- Tkinter, Sqlite3, SHA-256, cryptography.fernet
- Deployed using pyinstaller
- Offline password manager that encrypts and stores passwords in a sqlite3 database on local machine

### Online Workspace

[www.onlineworkspace.org](http://www.onlineworkspace.org)

- Django, PostgreSQL, jQuery, Bootstrap
- Deployed on linux machine with nginx, gunicorn, supervisor
- Users can create multiple 'workspaces' with restricted access in which files can be uploaded and shared with those they choose, also stores notes and tasks

### Personal Portfolio

[www.kunheeha.com](http://www.kunheeha.com)

- Flask, SQLAlchemy, Bcrypt, jQuery, AJAX
- Deployed on linux machine with nginx, gunicorn and supervisor
- Being used to store exe and app files, user guides and installation guides, and images of my personal projects

## CLIENT FACING EXPERIENCE

### Writer and Translator (Freelance)

**Cana Catering Co.**    📅 08/2019 - 11/2019    📍 Birmingham, UK

- Wrote the technical proposal for Cana Catering Co. for their joint project with Daewoo, Chiyoda, and Technip
- Collaborated with graphic designers to produce captivating professional documents

## EDUCATION

### MSc Computer Science and Artificial Intelligence

**University of York**    📅 01/2021 - Ongoing

- Assessed on Java proficiency as part of module about algorithms and data structures
- Applied knowledge of agile practices gained from course material into managing and developing current freelance project

### BSc Biochemistry (Hons.)

**University of Birmingham**    📅 09/2016 - 07/2019

- Assessed on proficiency in R as part of module involving data interpretation
- Used R for data visualisation, statistical analysis and interpretation of novel data collected from major laboratory project
- Used R to make predictions and formulate hypotheses from existing datasets

## SKILLS

### Languages

Python    Java    Javascript    Bash

SQL    CSS    HTML    R

### Frameworks and Libraries

Django    Flask    jQuery    AJAX

Bootstrap

### Deployment and Workflow

Git    NGINX    Gunicorn    Supervisor

Heroku

## STRENGTHS



### Communication

- Dealt with numerous phone calls and emails while filing a personal injury claim on behalf of family member who lacked fluency in english
- Created and gave presentations to small and large groups as part of university course, some independently and others with fellow students



### Negotiation

- Reduced treatment fee for non-EU resident from £5,881.32 to £3,000.00 after they received emergency treatment from NHS.
- Obtained a successful refund that was not included in terms and conditions when university society failed to meet required number of people for arranged trip abroad with travel management company



### Adaptability

- Developed adaptability from working on a variety of projects including scientific proposals, translation of technical text, and building web applications
- Taught myself how to code while recovering from a sports injury and eventually started a Master's degree in Computer Science to pursue a more complete understanding

## LANGUAGES

English    Fluent   

Korean    Native