MICKEY KIM

Software Developer

Bristol, UK

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PROJECTS

Parkinson's Disease Sensor Web App (MSc Thesis Project)

github.com/mickeykkim/masters-project-sphere

Using **Django**, **Python**, and **JavaScript**:

- Analyzed sensor data via development of web app for healthcare monitoring in IoT-focused residential environment
- Performed user-centered design prototyping with clinicians and collaborators on app features for future clinical use
- Developed backend logic and database model using Python
- Created unit tests, form handling, and Django templates

Song Share   github.com/mickeykkim/song-share

Using **Sequelize**, **Express.js**, **Vue.js**, and **Node.js**:

- Developed SPA web app to upload and share songs using embedded YouTube videos and user-defined metadata
- Deployed app to Heroku (song-share-vue.herokuapp.com)

Code Chef   (*Unity Collaborate repository*)

Using **C#** (Unity):

- Led team of eight students to create free-form/sandbox-style game to teach software coding concepts to youths

SELECTED WORK EXPERIENCE

2017 – 2018   Section Manager; TELOS Consulting; Seoul, KR

- Created admission strategies for students to top-tier colleges and boarding schools via individual consultations
- Mentored team of junior consultants

2007 – 2012   Research Technician II; Duke University, USA

- Performed machine learning statistical methods using R language to co-author four papers (incl. one first authorship)
- Managed five-person laboratory through meeting scheduling, ordering, and inventory control

2005 – 2006   Research Assistant; Clemson University, USA

- Performed computational image analyses using MatLab
- Co-authored paper on motion of UV-irradiated DNA

OVERVIEW

Motivated and driven with work experience in statistical research and client consultation. Passionate about emerging technology, digital health, and user-centered design. Client and team-focused with experience leading individuals and groups towards focused goals.

SKILLS

Experienced : Java, C, Django, MySQL (*syntax & database design*)
Comfortable : Python, R, JavaScript
Familiar : C#, Vue.js, Node.js, Express.js

EDUCATION

2018 – 2019

M.Sc. in Computer Science; University of Bristol, UK

Coursework completed; Graduation June 2020

2002 – 2006

B.Sc. in Physics; Clemson University, USA

Graduated Magna Cum Laude

PUBLICATIONS

ncbi.nlm.nih.gov/pubmed/?term=Kim+Mickey