



# becky-liu / data-engineer

I am a Data Engineer with experience in data mining, cleaning, building Machine Learning models and developing tools and algorithms for data projects. In my previous career I worked in design for mobile adTech and the gaming industry as a brand guardian and art director for data-driven playable adverts. I am currently studying a Masters in Computer Science focusing on Data Analytics working on healthcare data projects using Python libraries: Matplotlib, scikit-learn, NLTK, seaborn, Pandas, Numpy. Seeking a role working with Machine Learning and Big Data.

07961 622 683 / rebekahliu@outlook.com / [lovebexa.github.io](https://lovebexa.github.io)



## % skills — ☐

### Programming

Python(Jupyter Notebooks, Spark), Java, HTML/CSS (SASS, Grid, Flex-box, Bootstrap), Javascript, C, SQL, Automation (Selenium)

### Tools

WordPress, Photoshop, Illustrator, Adobe XD, After Effects, Indesign, Sketch

### Soft Skills

Fast learner, out-the-box thinker, self-motivated, adaptable, positive, collaborative and able to talk tech to non-techies.

## % hobbies — ☐

**Blogging:** WordPress personal blog for tutorials on tech and web management [houseninetytwo.com](https://houseninetytwo.com)

**Volunteering:** computer teacher for The Association of Jewish Refugees for 3yrs gained skills teaching tech to over 80 year olds.

**Arts & Crafts:** painting, sewing, making, baking anything off-screen! [instagram.com/bexacreates](https://instagram.com/bexacreates)

**Fitness:** building strength for callisthenics/gymnastics.

## % education — ☐

### Master of Science in Computer Science (Data Analytics)

*University of York / Sep'20 - Present*

Completed modules: Algorithms & Data Structure, Advanced Programming, Big Data Analytics, Software Engineering.

### Bachelor of Arts in Graphic Design

*University of Southampton / 2011 - 2013*

## % past-projects — ☐

### Behaviour Risk Assessment

Using Machine learning models Naives Bayes, Decision Tree in WEKA to classify obesity for BRFS subjects.

### Diabetes Dataset

Clean and prepare data to use for ML to predict 30 day readmission for diabetes patients.

### Data Cleaning Tool

Built a tool in Python to import, clean, wrangle, visualise dataset then export to JSON.

[Click For Portfolio](#)

## % work-history — ☐

### Three Sixtee, Marketing Agency / Jan'21 - Present

As brand guardian I am responsible for all visual communications for omni-channels, concepts for digital projects and I manage freelancers.

### Vungle, Mobile adTech / Sept'18 - July'20

As Visual Designer I storyboarded playable adverts, art direct developers, re-skinnd phaserJS games, video edited in after effects, conducted workshops to streamline design process was brand guardian for all visual comms for marketing.

[View full history >](#)

Start>

CV

[linkedin.com/in/rebekahliu](https://linkedin.com/in/rebekahliu)

References upon request