

## PERSONAL DETAILS

Date of birth: 05/11/1984  
lucas.stonedrake@gmail.com  
07452900724  
[GitHub Profile](#)  
[My Portfolio](#)

## SUMMARY

Python engineer,  
tech/strategy consultant,  
and University College  
London graduate, seeking  
to join a development  
team

## TECHNICAL SKILLS

Python

RESTful APIs

Django/Flask

Testing and Test-Driven  
Development (TDD)

Git/Version Control

## SOFT SKILLS

Excellent communicator  
with people from  
technical and non-  
technical backgrounds

## INVESTMENT

Hertfordshire, 2016

- Owner/landlord of a three-bedroom flat.

Woolwich, London, 2021

- Owner/landlord of a two-bedroom flat.

Cryptocurrency

- Long-term hold positions on XLM, XRP, DOGE, HOT/HOLO, ADA and others

# LUCAS STONE-DRAKE

## PYTHON PROGRAMMING SKILLS

### PERSONAL PROJECTS

- Here's my [GitHub profile](#)
- **Built APIs** using **Django Rest Framework** and **Flask-Connexion**
- Developed a **data analysis** tool which generates **18** additional **statistics and charts** for the **Untappd** beer social networking service. Find a demo video [here](#)
- **Developed** a portfolio/blog **Django** application with an **automated** test suite. Click [here](#)
- **Built** a document uploader in **Django** with test suite. Repository [here](#)
- Built an **ethical** web crawler using the Scrapy **framework**. Repository [here](#)
- Built a Retweet Twitter bot using Tweepy. Repository [here](#)

## WORK EXPERIENCE

### TECHNOLOGY/STRATEGY CONSULTANT

*James the Sleep Coach Limited, February 2021 - present*

*Key Responsibilities:*

- Designing and building **bots** for social media platforms
- Creating **automated** email marketing campaigns
- Collaborating on strategic decisions, **User Experience (UX)**, and budgeting
- Driving engagement and **lead generation** by publishing on social media
- Revenue and profit **forecasting**
- Collaborating on **customer success** and customer journey

### FREELANCE MATHS, NON-VERBAL REASONING, AND SCIENCE TUTOR

*London, July 2018 - present*

- Representing the **top UK** Tutoring Agencies
- Specialising in **online tuition**, using the latest **online whiteboard**, **video-calling** and **screen-sharing** technology
- **Mentoring** based on the "The Chimp Paradox" by Professor Stephen Peters
- **Homeschooling**: responsible for the **GCSE maths education** of a student who had been taken out of school. They achieved a pass grade on the Higher Tier despite suffering from significant anxiety and depression
- **TQUK Level 2 Certificate** in Understanding Specific Learning Difficulties (SpLDs)
- Identified a different **learning style** in a Year 9 student which lead to diagnostic tests at her school and extra time being granted for all future exams, including her GCSEs
- **Independent Schools Examinations Board (ISEB) 13+** entrance preparation: increased a dyslexic student's exam scores from **36%** to **63%** in physics and **37%** to **73%** in mathematics

### MATHS, NON-VERBAL REASONING, AND SCIENCE TUTOR

*CARFAX Education Azerbaijan, September 2017 - June 2018*

- **Home-schooling**: Responsible for the **entire maths and science education** of a fourteen-year-old student, including **syllabus creation** and **lesson planning**. He **improved** his attainment in regular progress exams
- Supported **fifteen students** in maths and science at **all ability levels** and from ages **7 to 16**
- Success stories: **increased** the maths MAP score of one student by **15 points** (her projected improvement was eight points), **increased** the scaled mathematics PSAT score of one student by **140 points in 22 days**, secured a **9/10** total maths grade for a 14-year-old at a Russian school in Baku, raised an 11-year-old's scores from a failing average of 54% to scores of **over 80%** at SABIS International School Baku
- **Academically assessed** two students and advised on their readiness for **11+ and 13+ ISEB entrance exams**

## INTERESTS

- **Online side projects**

I jointly manage and edit a **YouTube Channel** and **blog**

- **Online Poker Player**

Built a bankroll of £100 playing at the 0.02/0.04 micro-stakes level

- **Scuba-diving**

PADI Rescue Diver and 34 scuba dives logged

- **Travel**

I have visited both the Antarctic and the Arctic circle, and 44 countries in total

- **Skydiving**

11 solo jumps completed

- **Volunteering**

June 2010: WaterAid Recycling Team Volunteer at Glastonbury Festival.

Winter 2013/2014/2019: handing out food and drinks to the homeless on The Strand, London.

- **Languages**

French intermediate-level speaker

## SECONDARY EDUCATION

Saint George's C of E School, Kent. September 1996 - June 2003

- A Levels: Mathematics grade B, Computer Studies grade B, Biology grade C
- AS Levels: Physics grade A, General Studies grade B, Politics grade B
- GCSEs: 4A\*s, 6As

## CONSULTANT LEAD TUTOR

*CARFAX Education Russia, March 2017 - June 2017*

- **Student testimonial video** [here](#)
- **Taught** a class of 14 **Russian students** an **English as a Foreign Language** module for three months
- **Created** Duolingo virtual classrooms for all tutees and students
- Supported with **syllabus creation** and **planned all tutorials** and class lessons

## EDUCATION

### UNDERGRADUATE AT UNIVERSITY COLLEGE LONDON

*September 2003 - June 2006*

- Received a departmental award for **excellence** in each year of study
- Graduated with a Planetary Science Bachelor of Science (BSc) (**First Class Honours**)

### RESEARCHER AT UNIVERSITY COLLEGE LONDON

*October 2006 - December 2008*

- Designed and conducted my own geophysics research project about the Antarctic
  - **Organised and led meetings**, of up to ten people, regarding project progression and strategy
  - **Made important decisions** regarding safety and an annual equipment budget of £4000
  - Obtained **preliminary data** that were **analysed** and **presented** in poster form at meetings/conferences
- Planned, organised and participated in a six-week Antarctic expedition in 2007
  - Worked in a **team** using sledge-based ground-penetrating radar to investigate snow characteristics
  - Demonstrated high-level decision-making, **problem-solving** and **communication** skills in a hostile environment
- **Published results** - click [here](#) to view paper
- Appointed tutor for first year undergraduate course "**Mathematics for Geologists**"
  - Paid by Earth Sciences Department for arranging and providing tuition to Geology undergraduates
  - Prepared tutees for final course examination (one achieved a **100% mark**)
  - Content level: **GCSE/AS mathematics**

## TEACHING ENGLISH AS A FOREIGN LANGUAGE (TEFL) COURSE

*International House Chiang Mai, Thailand, October 2016 - November 2016*

- Four observed **45-minute lessons** at two learner levels
- **120 hours** of input and observation sessions
- Four written assignments passed