Jamell Ivan Samuels

Contact Number: 07915259816

GitHub: www.github.com/jamellknows

Email: jamellsamuels@googlemail.com

Github Pages: jamellknows.github.io

PERSONAL PROFILE

I graduated from Imperial College London with a Master of Engineering in Aeronautical Engineering. Since I have graduated, I have self-taught software and web development and now consider myself an autodidact. I was first introduced to programming during my university course as MATLAB, as my focus was Aeronautical the programmes were orientated toward modelling mathematical physics problems. Once graduating I began to focus on web development and I have attended two bootcamps. The first bootcamp was run by YSYS and the second bootcamp which I am currently attending is run by edEx.

Certifications

- Certifications: TeamTreeHouse (C#), CodeAcademy (Learn C++, C++ for Programmer, Learn Java, Learn Python 2) AWS(Cloud Computing, Introduction to the Cloud), Hackerrank (C++, Python), FreeCodeCamp (Responsive Web Design, JavaScript Algorithms and Data Structures, Scientific Computing with Python, Data Analysis with Python, Machine Learning with Python)

ACADEMIC

INDEPENDENT RESEARCHER

London, UK   **June 2020-Present**

- Academic: Since graduation I have focused on writing a series pre-prints focused on the 6 millennium problems with the intention of returning to studies to commence a PhD.
- Papers on Computer Science: The P vs NP Problem.
- Papers on Number Theory: A Proof of the Riemann Hypothesis, An Investigation of prime numbers: An analysis of prime numbers and the results of the Riemann Hypothesis, The Collatz Conjecture
- Papers on Mathematical Physics: A Solution to the Navier-Stokes Problem, A proof of the Yang-Mills Hypothesis
- Papers on Topology: A proof of the Hodge Conjecture

IMPERIAL COLLEGE LONDON

London, UK

MEng: Aeronautical Engineering   **October 2013 -June 2020**

- *Academic*: I graduated with a 2:2, however I received a first class in Aircraft Aerodynamics 75%, Business Technology and Innovation 70%, and Airframe Design modules 71%.
- *Teamwork*: I was an original member of the CubeSat logistics team, responsible for sourcing materials and financial support. As a group design project member in my third year I leaned how to co-ordinate with a team of over 20 people. I was personally, tasked with having to calculate and model the aircraft design and performance parameters.
- *MEng Thesis*: I developed new methods to find the infinite time average of Chaotic Systems. I then evaluated these results to produce a universally robust procedure in MATLAB.

BOOTCAMPS

- **edEx - November 15th 2022 – March 2023 (current):** A web development bootcamp with the objective of getting its students ready to work as a web developer. The course contains 13 modules ranging from HTML, CSS and git to React State deployment and everything inbetween. It then has 2 projects at the end for students to showcase their skills.
- **YSYS – Febuary 2021 – April 2021:** A short web development bootcamp with the objective of teaching students the fundamentals of web development. The bootcamp is sponsored by Heroku and Brandwatch and I created two web applications in my team for them. (Weather application, HTML,CSS, JS, API) , (GameOfThrones, HTML,CSS, JS, API)

VOLUNTEERING

- RAG (Raising and giving – raised money as part of a university society)   **January 2014 – June 2014**
- BelieveIN (Volunteering for a community outreach programme in South London for young adults and children) **February 2021 – Present**

PERSONAL PROJECTS

- **To view all my personal projects please visit my github repository or github pages.**