# JOHN SMITH L. DOE

## Software Engineer / Data Analyst / Entrepreneur

New York, New York, United States of America

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## WORK EXPERIENCE

#### X Company

Remote / New York, New York

Senior Software Engineer

Aug 2021 - Present

- This being the theory I hold, why need I be afraid of not being able to reconcile it with the case of my ancestors?
- The wise man therefore always holds in these matters to this principle of selection: he rejects pleasures to secure other greater pleasures, or else he endures pains to avoid worse pains.
- Do you really believe that they charged an armed enemy, or treated their children, their own flesh and blood, so cruelly, without a thought for their own interest or advantage?

Software Engineer

May 2019 - Aug 2021

- This being the theory I hold, why need I be afraid of not being able to reconcile it with the case of my ancestors?
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# National Aeronautics and Space Administration - Jet Propulsion Laboratory

Pasadena, California

Feb 2016 – May 2019

- This being the theory I hold, why need I be afraid of not being able to reconcile it with the case of my ancestors?
- Spearheaded the development of a mission-critical software module, resulting in a 30% improvement in data processing efficiency for the Mars Rover project.
- Led a cross-functional team in implementing agile methodologies, reducing project timelines by 20% and ensuring timely delivery of software updates for multiple space exploration missions.

#### **EDUCATION**

Senior Developer

### **Open University**

City of London, United Kingdom

Aug 2017 – Jun 2021

- Bachelor of Science in Computer Science
- Honors: 4.0 / 4.0 GPA, President's List, Dean's List
- Courses: Algorithms & Data Structures, Applications in Quantitative Finance, Engineering Data Analysis, Compiler Architecture
- Thesis: A convolutional neural network for predicting Greenland glacier melt and glacial water flow
- · Activities: Debating, Chess, Cricket

#### LEADERSHIP AND ACTIVITIES

# White Hat Hackers Association

Cambridge, United Kingdom

Vice President for Internal Affairs

May 2020 - May 2021

- But I must explain to you how all this mistaken idea of reprobating pleasure and extolling pain arose.
- But who has any right to find fault with a man who chooses to enjoy a pleasure that has no annoying consequences, or one who avoids a pain that produces no resultant pleasure?
- Can you then suppose that those heroic men performed their famous deeds without any motive at all?

#### **London Bridge Toastmasters Club**

City of London, United Kingdom

Member

Jun 2022 - Jun 2023

- Won Champion in the Division A District X Speech Evaluation Contest of Toastmasters International
- Promising Toastmaster of the Year (PY 2022-2023)
- Tell me, pray, what explanation do you put upon their actions?

### **PROJECTS**

### Job Tailor

Open University

Nov 2020 – Apr 2021

- Developed an AI-powered résumé editor app to create tailored résumés from users' CVs based on specific job descriptions.
- · Acquired more than 100,000 user sign ups in 3 months and more than 10,000 active monthly users.
- · Generated profit of upwards \$20,000 yearly with a team of only four developers and three business operatives

#### **HONORS AND AWARDS**

#### Champion in the Division A District X Speech Evaluation Contest

City of London, United Kingdom

Issued by Toastmasters International

May 2023

## Finalist in the 2020 SCG Bangkok Business Challenge Global Competition

Bangkok, Thailand

Issued by Sasin School of Management

Jul 2020

- Made it to the Top 5 (selected from over 100 teams) in the world for the semi-finals of the SCG Bangkok Business Challenge @ Sasin 2020 Global Competition held at Bangkok, Thailand from July 7-12, 2020.
- Served as the speaker and presented in the 60-second pitch round of the Opening Reception of the SCG Bangkok Business Challenge @ Sasin 2022 for Team London Bridge.

#### LICENSES AND CERTIFICATIONS

Learning How to Learn: Powerful mental tools to help you master tough subjects Issued by *Coursera* 

ID: 1MPR3CVR3SUM3

Sep 2021

### RESEARCH AND PUBLICATIONS

A convolutional neural network for predicting Greenland glacier melt and glacial water flow

Published on Theoretical and Computational Fluid Dynamics

Sep 2020

## SKILLS, LANGUAGES, INTERESTS

- Languages: English (Native speaker), German (Native speaker), Japanese (Basic proficiency)
- Soft Skills: Public Speaking, Debating, Communication, Critical Thinking, Leadership, Persuasive Writing, Technical Writing
- Programming: Python, SQL, PostgreSQL, MATLAB/Octave, HTML, CSS, Javascript, Typst, LaTeX
- Tools: Microsoft Word, Git, Docker, Visual Studio Code, Canva
- Web Development: React, Next.js, million.js, Svelte & Sveltekit, Tailwind CSS, Node.js, Deno, FastAPI, Flask
- · BI & Data Analytics: Microsoft Excel, Microsoft Power BI, Jupyter Notebook, Numpy, Pandas, Plotly, Altair
- · Interests: Video Games, Anime, Reading Non-fiction, Classical and Original Soundtrack Music

#### REFERENCES

• Dr. Jane Austin: "John was a great student. He was always eager to learn new things and was very passionate about his studies. As his mentor, I am proud to say that he was also a great leader and was able to lead his team to victory in the 2020 SCG Bangkok Business Challenge Global Competition."