



Silviya Stateva, Ph.D.

Date of Birth: 13/10/1984

Nationality: Bulgarian

Experienced researcher with a specialization in **data quality assurance**, analysis, and **full-stack web development**. I bring a strong foundation in **data curation**, **validation**, and problem-solving, with experience in **Python**, **SQL**, and **Django** for backend development. I am also familiar with front-end technologies like **HTML** and **CSS**. My hands-on technical skills extend to QA automation with tools like **Selenium**. Additionally, I have completed training in **QA basics** and full-stack development, gaining expertise in **bug detection**, **test case creation**, **manual testing**, and building web applications. I am eager to leverage my diverse skills to contribute to the tech sector.

Work History

Researcher, Universidade NOVA de Lisboa, Lisbon, Portugal

April 2019 - July 2023

- Led interdisciplinary projects involving data processing and analysis, focusing on protein phosphorylation.
- Analyzed large datasets using Python and SQL, employing logical thinking to solve complex problems and produce insightful reports.
- Developed a comprehensive database of *E. coli* phosphoproteome, featuring over 12,000 phosphosites, utilizing Python, Django and PostgreSQL. [Accessible at - pedb.onrender.com](#)

Senior Expert, GMO Lab, Environmental Executive Agency, Ministry of Environment and Water, Sofia, Bulgaria

May 2018 - April 2019

- Conducted sample analysis using advanced molecular biology techniques, ensuring compliance with ISO and GLP standards.
- Contributed to the evaluation and implementation of new bioanalytical processes, improving data accuracy.

Researcher, Bulgarian Academy of Sciences, Sofia, Bulgaria

February 2016 - February 2018

- Managed projects focused on cancer biology, drug discovery, and bio-nanotechnology.
- Conducted extensive data curation and validation for the NanoReg2 project, identifying and filling gaps in data related to nanotechnology.
- Analyzed and processed large datasets, employing logical thinking to spot patterns and enhance data quality, contributing significantly to the development of the safe-by-design concept.

Technical Skills

- Python, SQL, Django, HTML, CSS, JS
- GitHub, Jira, Postman, Selenium
- Data curation, validation, and quality assurance methodologies
- Data manipulation and visualization techniques to derive actionable insights

Contact Information

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🌐 linkedin.com/in/pacostathis

📄 researchgate.net/profile/Silviya-Stateva

🏠 portfoliopaco.vercel.app

Education

QA Basics, SoftUni, Sofia (Sep 2024 - Oct 2024)

Full Stack Web Development (Python specialization), CareerFoundry GmbH, Germany (2023 - 2024)

Ph.D. in Biochemistry, Sofia University, Sofia, Bulgaria (2012 - 2015)

Master's degree in Cell biology and Pathology, Sofia University, Sofia, Bulgaria (2007 - 2009)

Bachelor's degree in Molecular Biology, Sofia University, Sofia, Bulgaria (2003 - 2007)

High School Diploma in Biotechnologies, High School "Dm. Iv. Mendeleev", Stara Zagora, Bulgaria (1999-2003)

Languages

Bulgarian (native)

English