

Dustin Garner

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Summary

Meticulous, enthusiastic worker with over 5 years of experience overseeing and executing research and sales projects. Skilled at writing detailed analysis reports, three of which have been published in the journal, Nature. Passionate about effective communication and organization to enhance productivity.

Experience

Kim Lab | Santa Barbara, CA / Remote | November 2019 – Present

Research Associate / Data Analyst

- Collaborates with a team domestically and internationally to design methodologies for analyzing neural networks of various species at the cell level and publishing results.
- Utilizes artificial intelligence-driven tools to enhance the quality of the research.
- Presents findings at conferences and universities, sharing the conclusions with workers across the field and discussing approaches to improve the research procedures.
- Writes detailed reports of statistical and laboratory methods used throughout studies.
- Develops Python libraries for neural analysis of multiple datasets to build pipelines for creating figures, retrieving statistics, and boosting productivity for future studies.
- Manages lab materials by maintaining Excel spreadsheets of purchasing costs and payment accounts.
- Authored a publication for the journal, Nature, and contributed to two other publications that were bundled in a paper package discussed by CNN, BBC, The New York Times, and The Economist.

Apple Store | Santa Barbara, CA | June 2018 – March 2020

Salesperson / Repair Technician

- Engaged with customers by discussing their technological requirements and determining what computers and equipment would best fit their necessities.
- Maintained thorough knowledge of the product line in order to stay up-to-date with changing markets.
- Trained newly hired employees to ensure their ability of effectively selling products to customers.
- Oversaw inventory, purchasing history, and order forms through Excel spreadsheets and email logs.
- Diagnosed laptops by performing unit tests on individual components until the issue was isolated.

Education

B.S. in Biochemistry and Molecular Biology | March 2021 | University of California, Santa Barbara

Publications

- Garner, D. *et al.* Connectomic reconstruction... (2024) <https://doi.org/10.1038/s41586-024-07967-z>
- Matsliah, A. *et al.* Neuronal parts list... (2024) <https://doi.org/10.1038/s41586-024-07981-1>
- Dorkenwald, S. *et al.* Neuronal wiring diagram... (2024). <https://doi.org/10.1038/s41586-024-07558-y>

Skills & Abilities

- Microsoft Office (Excel, Word, PowerPoint)
- SQL statistical analysis
- Python (Numpy, Pandas, Matplotlib, SciPy, PyTorch)
- Written reports
- Data visualization
- Spanish language
- HTML, CSS, JavaScript