

# Andrew Niewiarowski

Laboratory Technician

## Summary

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A Biotechnology graduate with experience in collecting biological data through molecular cloning techniques and protein purification.

## Experience

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### Molecular Neuroscience Lab Assistant

*Indiana University*

- CRISPR to build ErbB4/GFP fusion protein
- PCR to amplify the ErbB4 gene
- Western Blot to detect EGFP-ErbB4 chimeric protein
- Bioinformatics tools to investigate the link between the Erb4 gene and neural signals

### Protein Purification Lab Assistant

*Indiana University*

- Western Blot for protein identification of fusion protein expressed in mammalian BHK cells.
- Ni-Affinity or SEC chromatography for protein purification
- X-ray crystallography for protein characterization

## Education

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### Indiana University

*August 2017 -  
December 2022*

### Code@IU Club

*August 2018 -  
December 2019*

### B.A Psychology and Biotechnology

*3.0/4 GPA*


### Position

- *Javascript/ ReactJS Teacher*
- *AI and Analytics Teacher*

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- CRISPR
  - Mammalian Cell Cultures
  - DNA Sequencing
  - Affinity Chromatography
  - Size-Exclusion Chromatography
  - X-Ray Crystallization

## Contact

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