Lukas MacMillen

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SUMMARY:

Full stack software engineer transitioning from academic research. Lukas has a B.S. in Biology and is proficient in HTML, CSS, JavaScript, Node.js, Express.js, MySQL, MongoDB. Looking for a software engineer position demanding front & back-end experience. Prefers interdisciplinary work environments and a team that is comfortable with agile development. Also looking for a mentor and connections.

EXPERIENCE:

Post-Baccalaureate Researcher   *Sep. 2021 - Sep. 2022*
National Science Foundation & [Nadia Singh Lab](#), OR

- Conducted research in flies and C. elegans on the genetic effects of starvation.
- Independently learned data analysis in R.
- Collaborated in the academic writing process and co-authored a nearly published paper.
- Developed professionally in organization, communication, and work-life balance.
- I worked with this lab since 2019, and earned my NSF post-bac grant after graduation.

Resident Assistant   *Sep. 2018 - June 2021*
University of Oregon Housing, OR

- Supervised undergraduates living in residence halls.
- Responded to concerns and emergencies while on-call.
- Conducted 1:1's four times in the academic year for each of ~50 residents, in which:
  - I served as a peer mentor, directly providing the above, while also providing resources for mental health and academic success.
- Planned and led campuswide community events for residence hall residents.

EDUCATION:

University of Washington   *Dec. 2022 - March 2023*
Coding Bootcamp: Full Stack Web Development
    Awards: Best Functionality ([Git Good](#)), Best UI/UX ([Eatsy](#))
    Academic Competencies: HTML, CSS, JavaScript, Node.js, Express.js, React, MySQL, MongoDB

University of Oregon   *2017-2021*
Bachelor of Science: Biology
    Awards: [UO SPUR](#), Magna cum laude
    Affiliations: [McNair Scholar](#)
    Academic Competencies: Python/MATLAB, presentation skills, specific aim & grant writing, analysis of primary literature, Neuro, Cellular, and Developmental Biology.