

# Lukas MacMillen

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## SUMMARY:

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Full-stack software developer and back-end specialist transitioning from academic research. I have a B.S. in Biology from the University of Oregon and completed a full-stack flex coding bootcamp with the University of Washington. I am open to work as a front or back-end software developer. The best team for me is one that emphasizes cross functional work, agile development, and mentorship.

## TECHNICAL SKILLS:

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**Programming Languages** | JavaScript ES6+, HTML5, CSS

**Front-End** | React.js, DOM manipulation, API calling, data integration

**Back-End** | MongoDB/Mongoose, MySQL/Sequelize, Heroku, Express.js, Node.js

## DEVELOPER EXPERIENCE:

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**Eatsy** | Project Manager | [Front-End Repo](#) | [Back-End Repo](#) | MERN stack 2023

*A social media platform for foodies & home cooks*

- I built the websites back-end & API surface using **Express.js**, **Node.js**, and **Mongoose**
- I integrated data and front-end logic into React.js components using **React Hooks**
- I led **daily stand-ups**, organized a **kanban board**, and tracked progress to hit deadlines

**World of Wordcraft** | Github Admin | [Repo Link](#) | Express.js, Node.js, Sequelize 2023

*A text based adventure game inspired by D&D*

- I built the websites back-end & API surface using **Express.js**, **Node.js**, and **Sequelize**
- I initialized data and handled full **CRUD** data transfer following **RESTful API** methods

## PROFESSIONAL EXPERIENCE:

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**Post-Baccalaureate Researcher** Sep. 2021 - Sep. 2022

*National Science Foundation & [Nadia Singh Lab](#), Eugene, OR*

- 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.
- Continued research with a lab that I had been with since 2019

## EDUCATION:

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**University of Washington** | *Certificate* | *Full Stack Web Development* | Seattle, WA 2022 - 2023

**Awards:** Best Functionality ([Git Good](#)), Best UI/UX ([Eatsy](#))

**Skills Acquired:** HTML, CSS, JavaScript, Node.js, Express.js, React.js, MySQL, MongoDB

**University of Oregon** | *Bachelor of Science* | *Biology* | Eugene, OR 2017 - 2021

**Awards:** [UO SPUR](#), Magna cum laude

**Affiliations:** [McNair Scholar](#)

**Skills Acquired:** Python/MATLAB, presentation skills, specific aim & grant writing, analysis of primary literature, Cell, Developmental, and Neurobiology.