**Lucas Richards | Software Engineer**

Irvine, CA 92604 | 949-241-5305 | lucasandrewrichards[@gmail.com](mailto:email@gmail.com) | [LinkedIn](https://www.linkedin.com/in/lucas-richards19/) | [GitHub](https://github.com/lucas-richards)

**SUMMARY**

I’m a software engineer and data scientist with 5+ years of experience as an industrial engineer and project manager. In my previous roles, I drove efficiency by integrated tools including AI, Python, and dynamic websites. This included creating e-commerce websites that reduced order processing times by 25%.

**TECHNICAL & INTERPERSONAL SKILL**

**Languages:** Python, JavaScript, Node.js, HTML, CSS, JSON, Typescript, EJS

**Libraries and Frameworks:** React, Express.js, Django, Bootstrap, AI

**Databases and other:** MVC, SQL,PostgreSQL, MongoDB, RESTful Routing, API, Acumatica (ERP), BigCommerce

**Interpersonal skills:** Problem-solving, adaptive leadership, time management, empathy, collaboration

**EXPERIENCE**

**Westridge Laboratories, Inc, Project Manager | Web Developer** *Santa Ana, CA, 01/2021 - 06/2023*

*Orchestrated the successful launch of two distinct websites, overseeing end-to-end project execution. Coordinated cross-functional teams, ensuring seamless collaboration between design, development, content, and testing units.*

* Achieved a 25% reduction in order processing times through the development of an eCommerce website.
* Created a Python script to execute the transition to a new SKU schema for the website automation project.
* Integrated AI into a custom application to improve customer experience.
* Developed APIs to automate daily tasks such as customer address sales tax verification and inventory management.

**Westridge Laboratories, Inc, Industrial Engineer** *Santa Ana, CA, 06/2019 - 01/2021*

Implemented strategies to enhance production efficiency and reduce manufacturing costs, increasing the productivity and capacity of the company.

* Increased production capacity by 75% and cut production costs by 50% through automation of the production line.
* Implemented a new production line in less than a month to fulfill a client order.

**Quilmes (AB-InBev), Project Manager** *Buenos Aires, Argentina, 01/2018 - 01/2019*

Selected for the “Industrial Talent Program” with the Project manager role during the stages of development, implementation, and control of the work philosophy "Autonomous operations” for South America.

* Conducted weekly meetings with senior managers to report KPIs performance and provide strategic insights.
* Facilitated seamless communication between cross-functional teams and senior management.

**TECHNICAL PROJECTS**

**Task Manager -** [**GitHub**](https://github.com/lucas-richards/task_master) **|** [**App**](https://task-master-lucas1.onrender.com) **- Python, Django | Materialize, SQL, AWS, Render, Neon**

*The Task Manager you always wanted to organize and manage your projects! Easy to use with a nice and smooth flow.*

* Created an easy to operate app to create tasks for users and projects, using the django framework.
* Crafted a visually appealing and stylish interface to enhance the user experience.

**Smoothie App -** [**GitHub**](https://github.com/lucas-richards/Smoothie-App) **|** [**App**](https://smoothieapp.fly.dev/) **- JavaScript, CSS3, HTML5 | Bootstrap, EJS, MongoDB, MVC, API, fly.dev**

*Create your favorite smoothie and share it with the world. More than 900,000 ingredients.*

* Real-time display of macronutrients (protein, carbs, fats) as you add ingredients

**Westridge Blog -** [**GitHub**](https://github.com/lucas-richards/westridgeApp) **|** [**App**](https://github.com/lucas-richards/westridgeApp) **- Python, Django | Bootstrap, SQL, AWS, Heroku**

*Every company should have its own app to automate intern processes.*

* Developed an App for a company to use as a blog, file management system and messaging.

**EDUCATION**

**General Assembly, Software Engineering Immersive** *Remote, Certificate Expected: 10/2023*

**UCI, Certificate of Data Science** *Irvine, CA, US, Graduated: 12/2022*

**UCA, Bachelors of Industrial Engineering** *Buenos Aires, Argentina, Graduated: 12/2018*

**UTS, University Exchange of Industrial Engineering** *Sydney, Australia, Graduated: 02/2017*