



# Javier Pardo Fernández

Software Engineer

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Oslo, Norway

## SUMMARY

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Experienced Software Developer proficient in software and web development, architecture, testing, performance, and maintenance. Seeking to leverage expertise for an innovative organization, driving customer satisfaction and project efficiency. Skilled in programming, collaboration, problem-solving, and documentation. Excels in team environments with a focus on detail and innovation.

## EXPERIENCE

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### Software Engineer

10/2021 - Present

Bio-Me - Microbiome profiling ↗

- Developed, optimized, and maintained Bio-me's main commercial software in AWS, improving cost-effective storage by 31%, and performance by 200%.
- Developed and maintained the internal LIMS system. Working with the clinical & commercial teams to develop new software or upgrade existing software.
- Tested software for bugs and operating speed, fixing bugs and documenting processes to increase efficiency by 18%.
- Onboarded, and supervised internships. Assisted and collaborated with a group of 4 students to create features across the software.
- Documented code & best practices within different parts of the company.
- Reviewed code and best practices improving efficiency by 12%.

### Transportation Engineer Technician

09/2020 - 03/2021

Caltrans ↗

- Responsible for compiling data for the design, construction, alteration, maintenance, and operation of a wide variety of civil engineering projects in Napa County.
- Analyzed and gathered field traffic data; performed traffic operational activities including surveillance and incident response.
- Prepared designs, plans, estimates, reports, and specifications for all types of highway and bridge projects.

### Electrical/Computer Engineering Tutor

08/2018 - 12/2019

California State University Chico ↗

- 17% improvement on tests. Acted as a valuable resource and assisted students in acquiring a better understanding of their engineering, programming, math, or physics courses.
- Successfully engaged students from diverse academic and cultural backgrounds by tailoring to their individual needs.
- Designed interactive and enjoyable learning experiences to maintain student motivation throughout the course.

### Software Engineer Internship

06/2016 - 08/2016

AI Talentum ↗

- Developed an interface with PHP and HTML/JavaScript to leverage Twitter's API for data collection.
- Managed and processed data for artificial intelligence applications.

EDUCATION

<b>Project Management</b> Universitat de Barcelona - Master's degree Average: B	03/2023 - 03/2024
<b>Data Science</b> UC Berkeley - Bootcamp Average: A	11/2020 - 06/2021
<b>Computer engineering</b> California State University Chico - Bachelor's degree <ul style="list-style-type: none"><li>Minor in Computer Science &amp; Physics</li><li>Tau Kappa Epsilon, Theta Pi Chapter - Founder</li><li>Invited to the Engineering Honor Society (Tau Beta Pi)</li><li>Tau Beta Pi, Alpha Alpha Chapter - IT Manager &amp; Corresponding Secretary</li><li>3 times Dean's List award</li></ul> Average: B	08/2015 - 12/2019

SKILLS

Python	Advanced	Testing	Advanced
Django	Advanced	Documentation	Advanced
Fast Api	Advanced	Full-Stack	Advanced
JavaScript	Advanced	Data Structures	Advanced
TypeScript	Advanced	Algorithms	Advanced
React	Advanced	Julia	Intermediate
Tailwind CSS	Advanced	C	Intermediate
HTML	Advanced	C++	Intermediate
CSS	Advanced	Redux	Intermediate
SQL	Advanced	Flask	Intermediate
Docker	Advanced	NoSQL	Intermediate
AWS	Advanced	Data Analysis	Intermediate
Git	Advanced	System Design	Intermediate
Linux	Advanced	Azure	Basic
MacOS	Advanced	Cross-team collaboration	
ETL	Advanced	Teamwork	
RESTful API	Advanced	Effective communication	
CD/CI	Advanced	Scrum Methodology	

LANGUAGES

Spanish	Native	French	Intermediate
English	Fluent		

## REFERENCES

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### Jon Alm Eriksen

Head of Software & Data Science  
Bio-Me - Microbiome Profiling  
+47 92 62 18 48  
jon@bio-me.com

- Current supervisor and mentor

### Warren Flood

CEO  
Bio-Me - Microbiome Profiling  
+47 92 32 81 52  
warren@bio-me.com

- Frequent collaborator in projects

### Ana Finzel Perez

Senior Scientific Manager  
Bio-Me - Microbiome Profiling  
+49 151 44261974  
ana@bio-me.com

- Partner in assay development