

ORLANDO RODRIGUEZ

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SUMMARY: Engineer currently based in Tucson, Arizona. I enjoy leveraging new technologies to deliver quality software that provides solutions to real-world problems. I am curious by nature and have always asked questions, ever since my days as a Research Assistant at the University of Arizona, up until today at my current position as an Engineer and Scientist at Rincon Research Corporation.

EXPERIENCE

SOFTWARE ENGINEER / SCIENTIST

RINCON RESEARCH CORPORATION
SECURITY CLEARANCE: TOP SECRET / SCI

NOV 2023 - PRESENT
TUCSON, ARIZONA

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SOFTWARE DEVELOPER

ASTREAX INC.

MAR 2022 - OCT 2023
TUCSON, ARIZONA

- Leveraged expertise in ASP.NET and Angular to develop eAZ, a service that brings all Arizona connections into one place, including state agencies and municipalities.
- Employed Agile development procedures to efficiently iterate through phases of a project in two-week sprints.
- Used Entity Framework to map models and entities together, integrating the database with the API.
- Conducted code reviews, identified and resolved bugs and performance issues, and optimized application performance.

TECHNICAL CONSULTANT

UNIVERSITY OF ARIZONA
OFFICE OF STUDENT COMPUTING RESOURCES (OSCR)

AUG 2021 - MAR 2022
TUCSON, ARIZONA

- Guided students, staff and faculty in using equipment and software to foster independent usage of OSCR technology.

UNDERGRADUATE RESEARCH ASSISTANT

UNIVERSITY OF ARIZONA
COMPUTER SCIENCE DEPARTMENT

JAN 2020 - JUL 2020
TUCSON, ARIZONA

- Implemented Graph Neural Networks to classify common and abstract symmetries in graph drawings using the UA Ocelote HPC cluster.

OTHER EXPERIENCE

PRESIDENT OF WILDCAT ÉPÉE FENCING

UNIVERSITY OF ARIZONA
WILDCAT ÉPÉE FENCING CLUB

2019 - 2022
TUCSON, ARIZONA

- Regularly compiled team statistics and completed administrative work to ensure a better relationship with the Associated Students of the University of Arizona (ASUA).
- Negotiated with university officials, law enforcement, and campus recreation to approve events and travel to national tournaments.

EDUCATION

school: University of Arizona, 2023
major: Bachelor of Science - Computer Science
minors: Statistics and Data Science
Spanish

AWARDS

- State IT Innovation of the Year 2023 - B1S
- National Merit Scholar 2019

CODING LANGUAGES

Front-End:

HTML5 CSS3 Javascript TypeScript

Back-End:

Bash C++ Python SQL XMidas

Other:

LaTeX

FRAMEWORKS

NextJS/React MaterialUI

TECHNOLOGIES

Linux Docker Postgres

SOFTWARE

vim VSCode

TRANSFERRABLE SKILLS

Fluent in Spanish

Public Speaking

Conversational in Russian/Japanese

I coded this résumé manually in LaTeX