

# Al Machado

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## Summary

Experienced business professional seeking to transition to software development. Despite having a non-technical role, demonstrated ability to solve biz problems via software dev. Continually working on side projects to increase/sharpen my dev knowledge.

## Technical Skills

|            |              |            |            |
|------------|--------------|------------|------------|
| React      | Material UI  | Javascript | CSS        |
| HTML       | Flask        | Python     | SQLAlchemy |
| Postgresql | Visual Basic | MS Access  | MS Excel   |

## Notable Projects

- **Analysis Automation:** Created program that analyzed thousands of courier billing transactions which resulted in an avg **\$20k/mo** increased profit. Utilized **binary search algorithm**.
- **Mailroom App:** Developed a forms based MS Access frontend and **relational db backend** app for receiving/tracking packages. In use in 5 mailrooms for over 6 yrs with dozens of users and **100k's** of packages processed.
- **Space Planning App:** Created an excel/vba app that allowed me to plan/execute the relocation of over 700 employees. The app enabled rapid scenario modeling/visualization.

## Domain Knowledge

|           |                     |                   |                       |
|-----------|---------------------|-------------------|-----------------------|
| Logistics | Procurement         | Contracts         | Warehousing           |
| GAAP      | Industrial Controls | Space Utilization | ERP Systems           |
| Sourcing  | Financial Analysis  | Shipping Software | Budget Reconciliation |

## Experience

October 2012 - Present

**Parexel International** – *Facilities Business Process Manager*

**United States Marine Corps** – *Sergeant – Supply and Logistics*

## Education

**UMASS Lowell** – *B.S.B.A. cum laude*