

# Robert Paud

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## EDUCATION

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### California State University San Marcos

Bachelor of Science in Computer Science, December 2022

- Mobile Programming, Web Programming, Data Structures & Algorithms, Operating Systems, Software Architecture, Database Systems, Software Testing

GPA: 3.74

## EXPERIENCE

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### IT Specialist | South Coast Air Quality Management District:

April 2024 - Present

- Execute data management functions and complex queries and organize structured sets of data using MySQL.
- Experience working with Active Directory, Office 365
- Provide preventative maintenance on terminals, personal computers, and printers; prepare and maintain records and reports of maintenance and computer use activities.
- Answer the Help Desk support line.
- Assist in preparation and maintenance of system documentation required for telecommunications networks, including updates of building/floor blueprints, network database, procedures manual, and Private Area Branch Exchange configuration.
- Assist in operation of telecommunications network management consoles and monitor network performance; diagnosis of network malfunctions and implementation of corrective action; assessment of network performance and allocation of resources
- Maintain and monitor equipment and parts inventory; track equipment and hardware inventory throughout South Coast AQMD; may recommend equipment and supplies for purchase and budget preparation.

### Revature Software Development Training Program

Feb. 2024 - April 2024

- Weekly coding challenges and mini projects based on real world applications.
- Furthering skill sets in Java, HTML, and SQL.
- Gaining experience with Spring Framework and RESTful APIs.
- Working with Java Database Connectivity

### IT Specialist (Internship) | South Coast Air Quality Management District:

June 2021 - Oct. 2021 &  
June 2022 - Nov. 2022

- Answer the Help Desk support line.
- Assist and participate in the installation, modification, and maintenance of radio communications systems.
- Maintain and monitor equipment and parts inventory; track equipment and hardware inventory throughout South Coast AQMD; may recommend equipment and supplies for purchase and budget preparation.

## PROJECTS

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### Workflow Management Application (Android Studio / Kotlin)

- Users input tasks, then tasks are displayed through a Gantt chart.
- Tasks are stored into Cloud Firestore from Firebase Console.
- Tasks can be retrieved or deleted from the database.
- Integrated Google Calendar API for organizing tasks by date.

### Database Query Project (Oracle)

- Deals with tables with large amounts of data of several data types.
- Deleting, Inserting, and Updating the data within various tables using queries and subqueries.
- Displaying the desired output using queries and subqueries.

## SKILLS

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- C++, C, Python, React, Kotlin, Java, JavaScript, Prolog, HTML
- VSCode, Android Studio, Oracle, MySQL, Ubuntu, Git