

# Federico Rubino

## Software Developer

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## TECHNICAL SKILLS

Programming: Java, Python, Gosu, PL/SQL, JavaScript, C++ | Web Frameworks: Angular, REST APIs

Data & ML: Pandas, Keras, Machine Learning

Tools & Frameworks: Android Studio, Guidewire Applications

## EDUCATION

Bachelor of Science in Computer Science: Data Science/Software Engineering

California State University Monterey Bay, Seaside, CA | 09/2019 - 05/2021

## EXPERIENCE

Software Developer II | Capital Insurance Group (CIG), Monterey, CA | 08/2021 - Present

- Modernized Guidewire V10 codebase to cloud SaaS standards, integrating APIs and automating batch jobs to advance CIG's \$100M annual income goal
- Collaborated with PMs to set milestones for initiatives like the v7 business owners policy project critical to the \$100M target
- Implemented Agile practices and reduced quote processing time by 50% for the farm business lines project
- Documented workflows, and mentored new employees for seamless onboarding and integration

Teaching Assistant/TA Coordinator | CSUMB, Seaside, CA | 01/2020 - 05/2021

- Tutored junior/senior courses, demonstrating proficiency in Java, Python, and software design
- Developed grading scripts to enhance course efficiency

QE Database Admin Intern | Poly/Plantronics Inc., Santa Cruz, CA | 06/2019 - 12/2019

- Automated sorting and tagging of legacy documents, expediting file processes by 90%
- Fostered collaboration and delivered global presentations

## PROJECTS

EEG Neural Net Research

- Published research work on using machine learning techniques like neural networks to predict memory recollection from EEG brain data
- Utilized Python, Pandas, and Keras libraries to build and train models on EEG datasets which demonstrated strong predictive capability

Capstone Project - Video Annotation Tool for MBARI

- Developed a custom GUI application to enable efficient video annotation for marine researchers at MBARI
- Integrated annotation labeling and export features based on specific research requirements

ReMi Meditation Android App

- Designed, developed, and deployed the backend with a custom interface and database with user authentication, meditation tracking, and progress monitoring features
- Developed the backend in Java, integrating with Firebase for authentication. Deployed on AWS using Docker containers

## SUMMARY

Detail-oriented software developer with 3+ years of experience conceptualizing and executing coding projects.

Exceptional conflict-resolution skills and adaptability to diverse environments. Certified Guidewire Configuration

Specialist, adept in implementing Agile methodologies. Proficient in Java, Python, Gosu, REST API, JavaScript, Angular,

PL/SQL. Fluent in English, German, and Italian.