

Jeremy Locatelli

Software Engineer + Embedded Systems + Bug Squasher

//Contact Info

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//Skills

Embedded Systems

Linux (RTOS)
Yocto
Bash
GPS/GNSS
WiFi

Software

C++
Python
Lua
VSCode

General

Detail focused
Root cause analysis
Git
Jira

//Education

CSU Monterey Bay

B.S. in Software
Engineering
Focus on AI/ML
and Data Science

Cabrillo College

A.A. in Liberal Arts

//Related Experience

Anritsu

(2019 - 2023)

Embedded Software Engineer

Member of the framework and maintenance team at Anritsu. Developing framework features as new software products were being developed by other teams. Creating unit and regression tests for new features as well as optimizing existing tests to remove redundancy and improve test run time. Extended testing framework code to dynamically support device level software options, making automated testing of core features (saving files, loading files, switching applications, etc.) much more maintainable.

Helped architect and implement existing monolith framework application to run in multiple processes using Apache Thrift, personally in charge of Save/Recall layer for all applications. Created client/server architecture for supporting multiple app process connections to framework application.

Completed total design reviews of multiple core OS integrations, and found massive performance gains in each one including, GPS, WiFi/Ethernet stack, i2c, native exFAT support and many more.

Network Management Solutions

(2018 - 2019)

Help Desk/Onsite Technician

Worked as a helpdesk member and onsite response member doing everything from basic new hire workstation setup, to full network deployments including onsite discovery, server rack installation, and asset management. Face to Face with clients and end users on a daily basis.

Staples, Inc

(2013 - 2018)

Lead Technician

Lead the retail technician team at Staples for multiple years, increased product and service sales for EasyTech YoY until my departure. Working through college gave me the personal skill needed to advance my career beyond the hard computer science skills a job requires.

//References

Tram Nguyen Direct Manager at Anritsu

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Matthew Seagle Sr. Software Engineer (Front End) at Anritsu

matthew.seagle@anritsu.com

Dylan Montgomery Software Engineer at Anritsu

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