Theodore "Ted" Tramonte

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Education, Accolades, Achievements

Florida Gulf Coast University, Fort Myers, FL

- Bachelor of Science in Computer Information Systems (May 2016)
- Florida Undergraduate Research Conference
  - *A Case Study on Inter-organizational Collaboration with UCP of South Florida & The Computer Guyz Miami*

- Phi Delta Theta - Florida Xi Chapter Founding Member
  - Brotherhood Chairman, Fall 2015 to Spring 2016
  - Recruitment Leadership Team, 2015
  - Chorister, Fall 2014 to Fall 2015

Work Experience

Assistant Director, Web Applications

Florida SouthWestern State College - Fort Myers, FL   November 2020 - Present

- Lead the Web Applications team; delegate projects and tasks and ensure they are completed in a timely manner
- Maintain, design, and develop the College's web-based applications
- Work with Information Security Officer to ensure all web applications are secured, hardened, and patched
- Ensure web applications remain ADA compliant

Coordinator, Web Design & Content

Florida SouthWestern State College - Fort Myers, FL   April 2017 - November 2020

- Design, analyze, code, document, and implement dynamic, web based, database driven applications that integrate with enterprise applications and services
- Maintain web pages on a regular basis according to College specifications based on requests
- Analyze traffic and recommend necessary changes to ensure users can effectively locate website resources

Web Developer

Florida SouthWestern State College - Fort Myers, FL   July 2016 - April 2017

- Maintain web pages on a regular basis according to College specifications based on requests

Full work experience available at linkedin.com/in/tedtramonte

Featured Works

FSW Infrastructure Overhaul

- Lead a pseudo-committee meeting weekly to build out an entire replacement infrastructure for the aging application infrastructure
- Performed all provisioning of physical and virtual machines by Ansible playbooks stored in Git
- Created a k3s Kubernetes cluster across a mix of physical and virtual machines spread through different datacenters to ensure high-availability and fault tolerance
- Configured all non-core workloads to be deployed and continuously updated by ArgoCD
- Deployed Rook Ceph to provide persistent block and S3 storage to workloads in the cluster

Contribute and Maintain Open Source Software

- Created, maintain, and host bots on multiple platforms and in multiple languages: @BaitOrNot (Twitter); *TabooBot, Sow Joan, Talented Discord* (Discord)
- Maintain unofficial OCI compliant container images for dedicated game servers for *Valheim* and *Core Keeper*, supported by custom automated CI/CD pipeline triggering script *Steamtrigger*
- Contributor to many open source projects such as *GitLab, serenity-rs, external-secrets, GoReleaser, Mastodon,* and *Graylog*

Tedflix

- Deployed a complete media platform providing movies, television, and eBooks for me at home and on the go
- Originally hosted stack on enterprise Dell R710, now on modern desktop hardware; Dell MD1000 providing 60+ TB of storage
- Configured 19+ open-source containerized applications to work together seamlessly, providing Single Sign-On, new content requests, automatic search and downloads of requests, metadata scraping, library organization, and format conversions and on the fly transcoding

More complete list of professional and personal projects available at tedtramonte.com/projects

Relevant Skills

Programming Languages

- Backend: Rust, Python (Django), PHP (Laravel, WordPress, CodeIgniter), Go
- Frontend: HTML, SCSS, JavaScript (React), Webpack

Databases and Datastores

- PostgreSQL
- MySQL and MariaDB
- Redis
- MongoDB
- S3, Backblaze B2, MinIO, Wasabi

Infrastructure

- Linux (RHEL, CentOS, Rocky, Fedora, Debian), Windows
- Ansible, AWX
- Docker and Podman, docker-compose
- Bare Metal Kubernetes (k3s, k3d, RKE, kubectl, kubeadm)
- Kustomize, Helm
- GitLab CI/CD, ArgoCD
- Graylog, Prometheus, Splunk
- FluentBit, Elasticsearch/Opensearch, Loki
- Rook Ceph, Longhorn
- MetalLB, Traefik, HAProxy, Nginx, ingress-nginx
- Keycloak
- RenovateBot