

Dalton Murray

IT & Computer Sciences

Profile

Energetic and technical-minded IT & Computer Sciences professional seeking a position where knowledge of software, hardware, a high technical aptitude, and unyielding commitment to work can effectively be utilized to contribute to the success and efficiency of the work environment and team.



daltondmurray@gmail.com



517-582-3398



Lansing, Michigan



linkedin.com/in/dalton-murray/

Tools

Cloud: Ansible, AWS, Azure Cloud, Oracle Cloud

Cybersecurity: Autopsy, Burp Suite, CrowdStrike, Metasploit, Nessus, Nmap, Okta, OWASP Zap, pfsense, Snort, Solarwinds, Splunk, Wireshark

Source Control & Collaboration: Git, Gitea, GitHub, GitLab

System Administration: Docker, Grafana, Kubernetes, Prometheus, Terraform

Professional Skills

Agile Methodology
Adaptability
Analytical and Critical Thinking
Collaboration
Conflict Resolution
Effective Communication
Decision Making
Dependability
Etiquette
Integrity
Public Speaking
Project Management
Research

Personal Interests & Hobbies

Artificial Intelligence
Machine Learning
Cryptography
Free Open-Source Software Development (FOSS)

Professional Experience

Lead DevSecOps Engineer

Stryker, Remote
January 2026 – Present

- To own and evolve engineering standards across CI/CD, full-stack development, data architecture, and security operations for a cross-functional organization.
- Owned and enforced CI/CD pipelines, code review standards, and PR governance across engineering teams
 - Architected enterprise-grade web applications using Granian, FastAPI, Next.js, React, and Node
 - Led an end-to-end security audit across 19 web applications, 250+ GitHub repositories, Databricks workspace bindings and principal permissions, and GitHub token scoping in response to a global security incident
 - Architected and managed Azure cloud infrastructure including Entra ID, Key Vault, IAM/RBAC, Front Door, VNets, NSGs, and Web Apps across environments
 - Mentored team members and guided partner teams through CI/CD, branching strategy, and documentation adoption
 - Served as DevSecOps subject matter expert across multiple business units

Data Engineer

Stryker, Remote
January 2025 – January 2026

- To research, design, implement, and maintain highly scalable data solutions.
- Coordinated disaster recovery and security incident remediation initiatives
 - Created and managed a custom Python library that allows teams to share and maintain cross-functional code
 - Designed and created custom fuzzy matching algorithms
 - Led data migration efforts from legacy SQL servers to modern data platforms

Sr. Full-Stack Developer

Entertainment Works Inc., Remote
October 2021 – July 2022

- To assist in programming and other IT needs as directed by the IT Director.
- Performed penetration testing to identify and resolve security flaws
 - Programmed in HTML, CSS, PHP, and JavaScript
 - Provided user management and support, including identifying and fixing identity and access management issues

Education

- Master of Science in Information Technology Concentration in Cybersecurity**
Lawrence Technological University | GPA: 3.97 | August 2020 – May 2024
Focused on cyber security, ethical hacking, digital forensics, and general IT; completed a thesis project about encryption methodologies and performed collaborative hands-on work.
- Bachelor of Science in Information Technology**
Lawrence Technological University | GPA: 3.95 | Summa Cum Laude | August 2020 – May 2023

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Technical Skills

Automated Testing/Unit Tests

CI/CD

Cisco Software & Hardware

Cloud Architecture

Cloud Configuration

Code Review

Cybersecurity

Data Analysis

Database Management

Data Protection

Hardware Troubleshooting, Assembly, and Maintenance

Incident Response

Information Security

IT Strategic Planning

Linux, and Windows Server

Microsoft 365

Network Administration

Network Security

Risk Assessment & Management

System Administration

Threat Detection & Intelligence

Web Application Development

Programming

Bash/PowerShell	Advanced
HTML/CSS	Advanced
Python	Expert
Rust	Advanced
SQL	Expert
TypeScript	Expert
React/Next.js	Expert
FastAPI/Granian	Expert

Professional Experience (Informal)

Video Game Mod Development

June 2015 - Present

To create, collaborate, and maintain mods for video games in numerous programming languages

- Collaborated with multiple communities to create mods across a variety of games
- Contributed to decision-making in steering councils for Minecraft mod development
- Developed Minecraft mods in Java through community collaboration, accumulating over 500 million unique downloads

Free Open-Source Software Contributor

June 2015 - Present

Collaborated with large online communities in developing applications to further my programming capabilities

- Contributed optimizations to Python's CPython interpreter in support of the Global Interpreter Lock removal and Free Threading parallelization
- Contributed to Grafana, the live dashboard visualization web application
- Contributed to Next.JS & React among many web application development frameworks

Self-Hosted Infrastructure

Designed and maintained enterprise-scale home lab with dual 48U server racks

Managed Proxmox virtualization cluster across multiple nodes for high availability

Orchestrated meshed Docker container infrastructure using Portainer for centralized management and deployment

Awards, Achievements & Certifications

Numerous Cryptography & Digital Capture the Flag First Places - Present

Numerous EC-Council & CompTIA Certifications - Present

Phi Theta Kappa International Honor Society 5 Stars - March 2020

Business Professionals of America Highest Ambassador Award - March 2019

Bath Community Schools | Cum Laude/With Honor Graduation - May 2019

Microsoft Office Specialist Master Certification - February 2018

Fastest Typer Award - For Achieving Over 150 Words Typed Per Minute - June 2015

Extracurricular Activities

Member Beta Gamma Sigma Undergraduates & Graduates International Honor Society | Lawrence Technological University | March 2022 - Present

Alumni & Volunteer Business Professionals of America | Bath High School | September 2015 - May 2019

Vice-President Phi Theta Kappa International Honor Society | Lansing Community College | October 2019 - May 2020