Gary S Malkasian

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COMPUTER SCIENCE AND MATHEMATICS EDUCATOR

AREAS OF EXPERTISE

Computer Languages: C# | Java | HTML | CSS | C++ | JavaScript | XML | SQL | Python | Shell Scripting
Quality Engineering: Test Automation | Scrum & Agile Methodologies | Coaching & Mentorship | Debugging
Favorite Topics: Quality | Algorithms | History of Computer Science | CI/CD | Machine Learning | Neural Networks
Learning Management Systems (LMS): Canvas | Moodle | Schoology

EDUCATION

Masters of Teaching (MAT), Central Washington University, Ellensburg, WA   **MAT 08/2025 (anticipated)**
Currently enrolled. Endorsing in Computer Science and Mathematics.   **Teaching Certificate 06/2025 (anticipated)**

Bachelor of Science (BS) in Computer Science   **10/2020**
Western Governors University, Salt Lake City, UT; *invited to present computer science capstone, "Using Machine Learning to Predict Foster Care Adoption Outcomes", to math faculty*

PROFESSIONAL EXPERIENCE

Lake Washington Institute of Technology, Kirkland, WA   **03/2024 - present**
Adjunct Professor of Computer Science
Teaching Java, Python, HTML with CSS, and Data Structures & Algorithms. Curriculum development including planning & developing objectives, lesson plans, exams, & teaching strategies, and delivering learning experiences for adult learners.

Inglemoor High School, Kenmore, WA   **09/2024 – 06/2025**
Student Teacher/Internship, Computer Science & CTE
CWU MAT program placement teaching high school Java (International Baccalaureate), C#, Html, Finance, & Microsoft Apps. Classes include a broad spectrum of students, including highly capable and special needs.

Northwest University, Kirkland, WA   **08/2024 – 12/2024**
Adjunct Instructor of Computer Science
Developed Professional Software Engineering course. Students learn Software Development Lifecycle (SDLC), development methodologies, project & risk management, software design principles, UML, specifications, design documents, test plans, CI\CD pipelines, and how to be a contributing member of a software development team. Brought in guest speakers from industry. Students organize in Scrum teams to produce a software app for their final project.

Puget Sound Energy, Bothell, WA   **12/2018 - 11/2023**
Principal SDET
Managed automation frameworks, served as Scrum team QE advocate for customer-facing products, and the backend.
- Built microservices API Test Automation Framework increasing coverage in 2 years by 200,000+ tests.
- Built Mobile Automation Framework, integrated with mobile device farm, increasing coverage & cutting time.
- Drove automation adoption by autogenerated code, ease of use, shared NuGet packages across modalities
- Installed & maintained Ubuntu (Linux) & Windows servers and performance & reliability test infrastructure.

Donnelley Financial Solutions, Bellevue, WA   **05/2017 - 05/2018**
Engineering Manager & QA Coach
Quality Coach for flagship product Active Disclosure, SEC financial reporting e-file software. Managed 25 engineers.
- Established formal mentoring for technical and coding skills.
- Integrated business support team into quality assurance, reducing stabilization time by half.
- Increased automation returns on investment by coordinating teams by reducing framework redundancies 80%.

Xome, Bellevue, WA   **07/2015 - 04/2017**
QA Test Manager
Organized QA in collaborative scrum teams for one of the largest customer-facing online real estate websites.
- Established QA Best Practices, including test plans and defect tracking/triage.
- Rebuilt the test environments and revised the test, code merge, and deployment processes, reducing time by at least one week per release while improving customer satisfaction.

ADDITIONAL RELEVANT EXPERIENCE

Insight Global, Bellevue, WA
Senior Software Developer in Test on project at Microsoft Law Enforcement National Security (LENS)

Vertafore, Bothell, WA
Senior Software Engineer in Test for client management web applications, full-stack engineering and test automation

Sogeti, Bellevue, WA
Senior Consultant on projects at Clearwire, Microsoft, and Panasonic Avionics Company.

Microsoft Corporation, Redmond, WA
SDET / Project Manager / Test Lead Windows & Windows Mobile International

ADDITIONAL RELEVANT EDUCATION

Professional Certificate in Management
The Open University, Milton Keynes, UK

Physics and Psychology
University of Washington, Seattle, WA

Microsoft Certified Systems Engineer / Systems Administrator (MCSE/MCSA) Windows 2000
Developing Windows Applications in C# Certification, 70-316

COMMUNITY INVOLVEMENT

Area Director, Toastmasters International, District 2
Charity Committee Member, St. Katherine Orthodox Church, Kirkland, WA

Founder, Foster Care Justice Alliance, Woodinville, WA
Successfully advocated on TV, radio, & before state legislature to reduce time in foster care, improve safety, and increase services. Prepared incorporation and 501(c)3 tax status documents.

Humanitarian Aid Director, Extended Hand, Bucharest, Romania
Delivered 18 tons of aid to Romanian orphanages, managed 15 volunteers, assisted adoptions. Prepared incorporation and 501(c)3 tax status documents, ran seminars & training.

LANGUAGES

Romanian - fluent reading, writing, and speaking
German - able to read and speak