

Kevin McFarland

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SUMMARY

Award-winning, multi-faceted Validation Engineer and Software Developer hybrid with a BS in Computer Engineering who is passionate about Improvement, Training, and Collaboration and has more than five years of industry experience including Customer Service, Technical Support, Training, Educating, Debugging, and Automation.

EXPERIENCE

Validation Engineer

Intel June 2015 – Present, Austin, TX

- Planned, programmed, and tested automation flow processes dealing with multi-boot OS selection, logging collection and cleanup, and collateral updating.
- Automated test results parsing to reduce debugger per-issue orientation by 40%.
- Awarded divisional recognition for developing weekly multi-boot image creation workflow saving 8-16 engineer hours per iteration and increasing collateral adoption 2-4x.
- Coded several programs for test management, tracking, and modification in use by hundreds of engineers across dozens of teams.
- Constructed continuous pipelines for critical collateral testing and delivery in TeamCity; Migrated TeamCity flows to GitLab upon change in toolchain.
- Accelerated team effectiveness by preparing and conveying in-person and virtual training regarding python, subversion, git, GitLab, Excel, MS Teams, and other tools.
- Created automated continuous build flows for OS image and software collateral for validation which saved 2-3 engineer days per iteration.

EDUCATION

Bachelor of Science in Computer Engineering

Clemson University • Clemson, SC • 2015 • 3.51

CERTIFICATIONS & AWARDS

Responsive Web Design Certification

FreeCodeCamp • 2021

Verify this certification at <https://freecodecamp.org/certification/mcfarke311/responsive-web-design>

JavaScript Algorithms and Data Structures

FreeCodeCamp • 2018

Verify this certification at <https://freecodecamp.org/certification/mcfarke311/javascript-algorithms-and-data-structures>

Data Visualization

FreeCodeCamp • 2021

Verify this certification at <https://freecodecamp.org/certification/mcfarke311/data-visualization>

Scientific Computing with Python

FreeCodeCamp • 2021

Verify this certification at <https://freecodecamp.org/certification/mcfarke311/scientific-computing-with-python-v7>

Data Analysis with Python

FreeCodeCamp • 2021

Verify this certification at <https://freecodecamp.org/certification/mcfarke311/data-analysis-with-python-v7>

Divisional Recognition Award

Intel • 2019

Path-clearing innovative, automated OS image building system which utilized virtual platforms. This enabled tighter schedules without consuming vital project validation resources.

Organizational Award

Intel • 2019

Demonstrated quality work and on-time execution to get high priority products validated and shipped

Organizational Award

Intel • 2017

Demonstrated quality work and on-time execution to get high priority products validated and shipped

Eagle Scout Award

Boy Scouts of America • 2010

Demonstrated leadership, self-motivation, and discipline to complete requirements for BSA's highest award

INVOLVEMENT

Founding Member

Intel • Austin Learning and Development Committee • November 2019 – Present

- Shaped organization to improve cross-team training and increase access to development resources within the Austin site.
- Authored and co-authored dozens of pieces of training on git, Microsoft teams, Sharepoint, python, and various internal tools.
- Increased employee satisfaction in categories of career development and opportunity by 10% to date.

SKILLS

Languages: Python, C/C++, Javascript, SQL, Power Query M

Tools Skills: Excel, MS Office, Docker, VirtualBox, Hyper-V, Vagrant, GitLab