

Eshé N. Pickett

SOFTWARE ARCHITECT

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Work Experience

Intel Corporation

2019-Present

System Software Architect

- Develop proof of concept deployments leveraging cloud-native technologies at the network edge
- Validate, release, and support customer onboarding for open-source display synchronization software
- Architected “best of session” AI workload to benchmark CPU-inference for ASR/TTS/SST
- Supported the first release of virtualized Android Point of Sale with large OEM customer

Cloud Automation Engineer

2014-2019

- Developed solutions for deployment and maintenance of enterprise-scale Internal Cloud infrastructure
- Implemented cloud-aware OS Provisioning for Windows and UNIX as a Service
- Resolved virtual machine issues via automation, achieving a 42% reduction in ticketed issues.
- Product Owner for a 9-member team to architect and deploy cloud infrastructure monitoring and alerting.

Design Automation Engineer

2008-2014

- Led a cross-site team to architect and deploy a firewalled environment solution for Offsite Design Centers.
- Coordinated a multidisciplinary team to converge and standardize register methodology
- Adapted Perl-based large-volume simulations runs to collect design coverage.
- Designed DTTC-accepted collateral release flow.
- Enabled PCIe and CPU benchmarks to simulate workloads on IA Platforms.
- Wrote portions of Platform Quality of Service Proof of Concept C library for cache enforcement.
- Managed interactive, batch computing, and storage infrastructure for 100+ engineers.

Systems Programmer

2005-2007

- Supported compute server allocation and deployed resource utilization metrics for compute capacity.
- Designed cross-site modules to automate the management, installation, and provisioning of Unix servers.
- Leveraged Wiki technology to consolidate existing documentation and manuals
- Developed curriculum and training materials for delivery of online courses
- Developed feature set for web-based three-tier objective and milestone management utility.
- Provided managerial and team lead coverage; received site recognition award for exceptional coverage.

Awards/Recognition: Corporate Affairs Recognition; top community volunteer for giving 50+ service hours, 2008-Present. Department Recognition Award for successful management of divestiture activities, 2007. Department Recognition Award for Deployment of Offsite Design Center Firewalled Environment Solution, 2013. Technical Workshop presenter NSBE, 2016. Software Professionals Conference accepted a presentation on auto-remediation in 2016. Best of Session Intel Spoken Language Technology Summit, 2024. Phoenix Business Journal 40 Under 40, 2017.

Third World Press

2003-2005

Independent Contractor –IT/Accounting

- Set up and maintained Windows XP/ Macintosh OS X peer-to-peer inter-office network.
- Designed and executed a new customer service system to provide more efficient order tracking.
- Planned and implemented the migration of the accounting system from DacEasy to QuickBooks
- Produced office manual of procedures and managed volunteer and intern programs for IT and accounting.

Education

University of Chicago

Master of Science

Computer Science

2005

Northwestern University

Bachelor of Science

Computer Science

2002

