

# Eshé N. Pickett

## CLOUD SOFTWARE DEVELOPMENT ENGINEER

📞 (773) 550-0503 | ✉ [eshe.pickett@gmail.com](mailto:eshe.pickett@gmail.com) | 🌐 [eshepickett.com](http://eshepickett.com)

## Work Experience

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### Intel Corporation

2005-Present

#### Cloud Software Development Engineer

2025-Present

- Leverage AI-first development practices to accelerate time to delivery
- Lead Data Services Workstream to enable optimizations for data center servers on AWS Infrastructure
- Conduct performance analysis for platform generation improvements to facilitate instance adoption
- Plan and execute strategic contributions for open-source projects, conference submissions, and roadmap
- Maintain partnerships with service stakeholders to accelerate issue triage and ensure roadmap alignment.

#### System Software Architect

2019-2024

- Led a cross-functional team to release the first virtualized Android Point of Sale with a large OEM customer
- Validated, released, and supported customers for open-source display synchronization software, with a co-authored publication in the Society for Information Display
- Architected “best of session” AI workload to benchmark CPU-inference for ASR/TTS/SST
- Established thought leadership in edge security, presenting at Cloud Security Alliance on hardening intelligent devices with Intel Architecture virtualization capabilities and “To the Edge and Beyond” podcast
- Improved business acumen through serving on the business unit’s Leadership Summit Planning Team
- Selected as a nominee for the SWE Spark Award through a competitive internal process

#### Cloud Automation Engineer

2014-2019

- Product Owner of 9-member team, architecting and deploying enterprise cloud infrastructure monitoring and alerting solutions, earning Software Defined Infrastructure Award for vRA Environment Upgrade
- Implemented virtual machine auto-remediation that led 42% reduction of ticketed issues
- Re-engineered image provisioning into a self-service offering for Windows and UNIX platforms
- Delivered presentations at NSBE, Software Professionals Conference, and Cloud Security Alliance
- Accepted presenter to IT Technical Leadership Conference (1 of only 16 from 800+ submissions)

#### Design Automation Engineer

2008-2014

- Led enterprise infrastructure management for 100+ engineers, managing \$2.4M budget for CAD licenses, compute resources, and storage while driving >\$500K cost savings through optimized forecasting
- Architected cross-site engineering solutions, leading multidisciplinary teams to deploy firewalled environment for Offsite Design Centers
- Developed high-performance computing solutions for design coverage collection, enabling PCIe/CPU benchmarks for IA platforms, and contributed to Platform Quality of Service C library development
- Created collateral release management systems that optimized completion times. Leading to publication at the Design Test and Technology Conference.

#### Systems Programmer

2005-2007

- Architected data center Linux server OS provisioning, supporting thousands of server builds.
- Led critical infrastructure operations as primary support for Design Engineering revision control systems
- Developed and delivered Linux-environment training, leveraging Wiki technology to consolidate and improve collaboration for maintaining best practices and transparency of information.
- Provided managerial and team leadership coverage, receiving a site recognition award

**Awards/Recognition:** Corporate Affairs Recognition; top community volunteer for giving 50+ service hours, 2008-2020. Phoenix Business Journal 40 Under 40, 2017.

## Education

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University of Chicago

Master of Science

Computer Science

2005

Northwestern University

Bachelor of Science

Computer Science

2002