Joel **Cooklin**

SOFTWARE ENGINEER

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Experience

Intel - IT / Engineering Computing / Design Hosting   *Hillsboro, Oregon*

SENIOR SOFTWARE ENGINEER   *2017 - Present*

- Leading an effort to improve resiliancy in the design environment
- Improving the CI/CD solution for front-end design at Intel

Intel - Data Center Group / Solutions Group / Software Defined Infrastructure   *Hillsboro, Oregon*

SENIOR SOFTWARE ENGINEER   *2015 - 2017*

- Technical lead on the open source Snap telemetry framework
- Customer facing solutions engineer with expertise in software automation, delivery and devops

Intel - IT / Engineering / Automation Solutions Engineering   *Chandler, Arizona*

SENIOR SOFTWARE ENGINEER   *2012 - 2015*

- Delivered IT's first OpenStack based private cloud
- Technical lead for the automation team

Intel - IT / Engineering / Data Center Engineering   *Chandler, Arizona*

SOFTWARE ENGINEER   *2007 - 2012*

- Application hosting subject matter expert and technical lead
- Designed, developed and supported solutions for the IT hosting portfolio including IT's first self-service private cloud backed into VMWare
- Awarded IAA (Intel Achievement Award) for delivering industry leading private cloud

Intel - IT / Engineering Computing / Applications   *Chandler, Arizona*

SYSTEMS ENGINEER   *2005 - 2006*

- Designed and supported in-house tools and solutions that enabled the design environment
- Designed, developed and supported IEM (Identity Entitlement Management) to manage UNIX user identities and groups globally through the corporate AD infrastructure

Intel - IT / Engineering Computing / Linux Platform   *Chandler, Arizona*

SYSTEMS ENGINEER   *2003 - 2005*

- Supported a local 2600 node Linux cluster.
- Managed general compute infrastructure including DNS, DHCP, NIS, local switches, remote console servers, build servers and several core infrastructure applications
- Developed and supported NEBulous (later became Intel Platform Provisioning Solution) a PXE based server provisioning framework

Intel - IT / Engineering Computing / Labs   *Chandler, Arizona*

SYSTEMS ENGINEER   *2001 - 2003*

- Provided EC support to all Chandler labs including the CH3 CV test floor
- Supported several custom builds and one-off solutions found only on the test floor or in labs
- Worked closely with vendors to support custom lab solutions and setups

Intel - IT / Engineering Computing / Help desk   *Chandler, Arizona*

SYSTEMS ENGINEER   *2001 - 2003*

- Resolved 1st and 2nd level support issues
- Acquired technical breadth, understanding and appreciation for the the components that makes up the Intel design environment

Education

Arizona State University   *Phoenix, Arizona*

B.S. COMPUTER ENGINEERING   *2000*