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Objective

Lead team members by example: directly contribute to projects while coordinating the effort of team members; leverage social skills to empower others, while continuing to develop technical engineering skills.

Experience

- Senior Software Engineer, Cognex Corporation; Portland, OR 2017-Present
 - Team Lead—In-Sight VC200 Camera System Software
 - 3 team members
 - Change-Request Triage
 - Specification & Design Review
 - 80% direct contribution in addition to above responsibilities
 - *Other details as below*
- Software Engineer, Cognex Corporation; Portland, OR 2016-2017
 - Engineering Change Orders for product release
 - Collaboration Tools Initiative guild member
 - Update company-wide collaboration tools
 - *Other Details as below*
- Associate Software Engineer, Cognex Corporation; Portland, OR 2014-2016
 - C, C++; Visual Studio; TI Build Tools; Git; CMake
 - “In-Sight” industrial vision systems firmware
 - Requirements Elicitation, Specification, Detailed Design, and Implementation
 - Code review, Unit Testing, and Change Requests
 - Product Configuration procedures, data storage, tools
 - Multi-site, large-team environment; Waterfall development model
 - President’s Award for update to internal product configuration tools (2015)
- Software Engineering Intern, Vprime, LLC; Portland, OR 2013-2014
 - C#, C++; Visual Studio, Git SCM; MSBuild
 - Compliance systems: VPG-2100, VTF-501, VPG-S100
 - Compliance software to verify against VESA standards: DisplayID, EDID, E-EDID
 - Small-team environment; Agile development model
 - Vied for, planned, and executed transition to Git from MS Visual SourceSafe

Education

- Portland State University Undergraduate (3.55 major GPA; 4.0 minor GPA) 2008-2014
 - BA in Japanese and Liberal Studies; Minor in Computer Science and English
 - Chapter President, Sigma Tau Delta (International English Honor Society)
 - Vice President, Japanese Student Society
 - Member, Association for Computing Machinery

Skills / Interests

- Working proficiency or better in the following applications: MS Visual Studio 2008-2016; Git; SourceSafe; Team Foundation Server; Adobe Dreamweaver; Eclipse IDE; Oracle VM Virtual Box; Vim; MS Office Suite; Enterprise Architect
- Proficient with: C, C++, C#, Java; JavaScript; Shell
- Familiar with: Haskell, HTML, CSS, PHP, Ruby, Python, Visual Basic
- Leadership background: PSU Chapter President of Int’l English Honor Society; VP of PSU Japanese Student Society; former member of Southridge High School Theatrical Arts; 1st degree black belt in Tae Kwon Do; recruitment for Southridge High School’s Integrated Math Program; Ran private tutoring business for six years