

Joshua Broughton | Developer Generalist

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Objective	Be a strong contributor to an organization devoted to designing elegantly coded software in a focused, team-based environment.
Technologies	Java, C#, JScript, VB, Python, Ruby, Simulation and Emulation, Analytics
Environments	Microsoft, *.nix CLI, C9
Applications	Discrete event simulation, static and dynamic calculation, tool design
Management	Agile, Waterfall

Experience

The Haskell Company Sr. Simulation Designer 4/2013– Present

Software: Emulate3D, FlexSim, @Risk, AutoMod, Autodesk, Subversion, Eclipse, Git

- Design and develop large-scale simulations of conveyor systems and machinery with volumetric, planar, and linear physics in multiple IDEs, with a broad range of field-verifiable statistical output.
- Analyze the data output from simulation models and present them to clientele in a logical, saleable way.
- Design and develop large-scale emulation models of PLC-driven, manufacturing systems as controls engineer mocks in an effort to reduce on-site facility start-up time.
- Develop multiple internal-use, mathematically precise tools for predicting converting line output as a saleable product. Also, for use with project budgetary analysis and presentation.

The Haskell Company IT Technician 4/2009 – 4/2013

Software: MDT, WSUS, SCCM, PowerShell, Desktop Central, Symantec, MS OSs, Vault

- Provide in-depth support of desktops, notebooks, mobile devices, and other hardware including operating system troubleshooting, problem diagnosis, configuration, and remote access.
- Utilize and maintain helpdesk tracking software. Monitor and respond quickly and effectively to requests received.
- Automate operating system and other software deployments using LTI and ZTI methodologies; create workstation images including testing software packages for distribution.
- Administrate 3Com VCX system: web and IP provisioning, voicemail, extension management, and web access.
- Provide basic, intermediate, and advance level training to both users and clientele on software and hardware, both off-the-shelf and company-produced in a range of settings from formal classroom to informal “brown-bags.”
- Lead the testing, integration, configuration, and deployment of user hardware, operating systems, and related utilities.
Assess the impact of introducing non-standard LoB applications and assist with their implementation.
- Provide hands-on tactical support, training and PM support for major external hardware and software rollouts to client facilities.
- Hardware installation of all modular computer components.

Intellitech Technical Analyst 4/2008 – 4/2009

Software: Hummingbird, WorldDocs, IQTrack, Citrix

- Responsible for the phone- and email-based troubleshooting and problem resolution for legal firms.
- Train users in the correct usage and best practice using multiple tech-based business solutions.
- Categorize and solve technical issues with a variety of Microsoft products.
- Deploy and troubleshoot document management systems and their integrations.
- Administer remote network methodologies: Active Directory-based roaming profiles, Citrix, RDP.
- Head and document multiple network and system outages with 100% user satisfaction.

Education

Georgia Gwinnett College

Software Development

August 2013 – Present

