

Software Developer Lead Software Developer Lead Software Developer Lead - The Daily Egyptian  
Champaign, IL Experience: Code+IT, News Media Technology, and Flight Simulation Technology  
Traits: Extremely frugal, strong leadership abilities, eager to face challenges, business-minded, and  
an effective communicator    Programming: Python 3/2, JavaScript, Java, PHP, SQL, C/C++, C#,  
HTML5, CSS, OpenGL, and WebGL    IT: Linux/OSX/Windows Server, Cloud Support, Network  
Support, Desktop Support    Media: Adobe Photoshop, Adobe After Effects, Autodesk Maya, Unity  
Misc: ITAR, ISO 9001:2008 Authorized to work in the US for any employer Work Experience  
Software Developer Lead The Daily Egyptian - Carbondale, IL August 2016 to Present    Awarded  
Best Supporting Role in 2017 and 2018, recognizing my efforts in software development and  
information technology support    Directed a team of developers and designers to produce online  
media platforms, delivering products that won multiple awards on a national level    Employed  
full-stack development by leveraging PHP, JavaScript, SQL, and Python, translating to high-quality  
visual and informative products, reaching larger audiences across multiple platforms    Collaborated  
in an Agile environment (SCRUM), coordinating with team members to design news media software  
using Python, PHP, and JavaScript    Deployed software and configurations using Docker via  
Kubernetes on cloud platforms (AWS, GCP, and Azure), mitigating expenses and increasing  
information security    Reduced systems analysis complexity using Python, Bash, and Powershell,  
decreasing response time for hardware and software discrepancies    Utilized GIT, SVN, CVS to  
maintain code, accelerating development process and achieving fine-tuned control of the  
development cycle    Authored best practices and standards documentation and conveyed  
information to junior developers and directors, promoting a high-level of organization to improve  
product delivery    Integrated content production into communication software using Python and  
PHP, boosting data analysis and real- time reporting, aiding the production team    Leveraged JIRA  
to track discrepancies with software and hardware    Developed scraping software in Python to  
reduce search complexity, streamlining editors access to information stored within specialized  
databases    Performed code testing on customer management software, strengthening software by  
investigating and patching code Information Technology Advisor Camargo Township District Library

- Villa Grove, IL August 2007 to January 2016   Oversaw and implemented technology infrastructure for websites, networks, desktops, servers, and planning for 8 years, amounting to mitigated expenses and longevity and frugality of technical infrastructure   Developed software in C and C++ to automate digitization of vital historical information into content management system, preserving the information of the communities historical assets   Developer Adayana Government Group - Urbana, IL January 2015 to April 2015   Prioritized multiple front-end and back-end projects, reaching project milestones   Led the team on courseware projects tailored for government agencies and small business, fostering team execution to deliver fast-paced and high-quality results   Ensured confidentiality of information while working with sensitive information   Associate Software Engineer Frasca International - Urbana, IL March 2013 to March 2014   Collaborated on flight training hardware and software, maintaining compliance with ISO 9001:2008   Reverse-engineered flight instrumentation in Computer Generated Instrumentation for an AS332 helicopter and various fixed-wing flight training devices using video and written documentation in German and various languages, delivering high-quality virtual instrumentation   Leveraged excellent written and oral communication to resolve complex technical software issues directly with customers, acting as a subject matter expert for customer support on all flight training devices   Developed front-end and back-end playback application for a Level D CJ1+ flight training device in C#, producing method for flight instructors to capture and re-simulate flight training data   Conformed to coding standards, ensuring code was compliant with company best practices   Spearheaded management of flight training device configurations and software through the use of version control, reducing resources spent with support teams   Developed software on flight training devices in collaboration with electrical, systems, and aerospace engineering departments   Education Bachelors in Computer Science in design Southern Illinois University January 2016 to May 2019 Associates in Digital Media Development in Digital Media Development Parkland College August 2009 to May 2011 Skills Java, C, .Net, C#, Python   Links   <https://www.linkedin.com/in/egr>   Certifications/Licenses   Computer Networks and Security Certificate Present Additional Information Computer Networks and Security Certification   A+ Certification, Parkland College

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