David Kim

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Summary

A software engineer with a strong background in web and front end technology including Python and JavaScript, looking for new opportunities and challenges of scale.

Experience

Novetta Solutions (Software Engineer): Jan 2011 - Present
- Designed and implemented a Titan graph database with a web-based front end to allow law enforcement agencies to quickly search and investigate affiliations of suspects
- Enhanced a data warehouse search system for law enforcement agencies with a new JSON based query feature to allow for external site searches
- Enhanced the usability of a Spring-based collaborative event management capability with a new web interface, used by defense personnel to notify each other of event statuses
- Supplied live communication and information statuses to defense personnel while performing maintenance and deployments
- Designed a kiosk web page with video for our enterprise service monitoring product for a Department of Defense trade show
- Mentored interns and guided them through a Spring based code base, providing feedback on their performance and peer reviewing their code
- Assisted in quality assurance and responded to feedback from senior testers
- Researched and designed the tools necessary to build an XML-based automated reporting utility for monitoring metrics for services to, saving the customer time

TeleTown Hall (Software Developer): Aug 2008 - Jan 2009
- Created a PHP based solution for automated invoice generation and billing for clients

Technical

Languages: Python, HTML, JavaScript, Java, Groovy
Databases: TitanDB, OracleDB, SQLite
Frameworks & Libraries: JQuery, TinkerPop, AngularJS, PyTest, Bootstrap
Other: Adobe Photoshop, Vim, Git, Amazon Web Services, BIRT

Projects

TiggsBot - http://github.com/tiggs/tiggsbot - A Python-based Internet Relay Chat bot to enhance a chat room experience, accepts commands and logs quotes from users

Education

George Mason University - Fairfax, VA
Bachelor of Science in Computer Science, completed Dec 2011