

Lead Software Engineer Lead Software Engineer Lead Software Engineer - SchoolPass Phoenix, AZ Work Experience Lead Software Engineer SchoolPass - Baltimore, MD November 2017 to Present Created .NET Core web api to use across entire platform Created and maintained Andoid Mobile Application Designed and implemented Angular 7 web application for Visitor Management Handled deployment and maintenance of AWS and on site iis servers Updated and maintained SQL database (functions, stored procedures, backups) Lead team of engineers on site and contractors Senior Software Developer Harford Mutual - Bel Air, MD October 2016 to November 2017 Created and maintained web services (REST and SOAP) Created .NET Core web applications using MVC Created client-side web applications using Angular as the platform Implemented cloud (azure) based services, apps and databases Created, updated, and managed SQL server for analysis and storage data Implemented new billing system using Guidewire and Gosu Worked in an Agile environment using TFS to track our progress Software Engineer II Omnitrac/Roadnet - Towson, MD September 2013 to October 2016 Created WPF applications for better analysis of map data, including regression testing. Managed and maintained old code to enhance our map generation process. Added XML and JSON metadata to keep track of older builds. Created, updated, and managed SQL server for analysis and storage of map data. Worked on projects with MVC and MVVM frameworks. Worked in an Agile environment using JIRA to track our progress. GIS Technician CBRE - Phoenix, AZ January 2010 to August 2013 Performed custom market research and material production based on needs of clients. Maintained SQL database of geocoded business locations. Implemented new mapping tools and templates. Established good working relationships with clients and brokers via Mapping Order System and personal communication, including communication of mapping center capabilities and resources. Headed a transition team to absorb the Chicago mapping research market into the national mapping center. GIS Technician Department of Water Resources - Phoenix, AZ January 2009 to January 2010 Utilized ArcMap, ArcCatalog, ArcSDE, and Microsoft Access for database manipulation. Implemented Visual Basic code to streamline research processes. Worked closely with geologists, hydrologists, and GIS analysts to create industry-wide accessible data. National Weather Service

(NOAA) - Radio Sonde Sensing - Phoenix, AZ 2008 to 2008      Prepared and launched weather-monitoring balloons during monsoon season in Phoenix.      Received, recorded, and analyzed upper air data to update monsoon tracking database and weather alerts. Engineering Intern Biodesign Institute - Phoenix, AZ 2006 to 2007      Performed design and fabrication of micro-fluidic valving systems, including optimization of bonding temperature and pressure of Cyclic Olefin Copolymer and experimentation to find the best paraffin to temporarily separate valve chambers.      Used AutoCad software to create valving systems. Education Master of Advanced Studies in GIS in GIS Arizona State University - Tempe, AZ 2009 Bachelor of Science in Geography in Meteorology Arizona State University - Tempe, AZ 2008 Point Loma Nazarene University - San Diego, CA 2004 to 2005 Skills Database, Mysql, Oracle, Sql, .net, Android, Git, Javascript, PHP, CSS

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