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Justin A. Drew

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Employment

Full Stack Developer   **Software Consulting Associates, Inc.**   **February '12 – Present**

Municity Help - internal ticket tracking and CRM software used to improve relationship and streamline communication with customers
- Designed and developed HTML 5 product front-end using AJAX requests to call Node.js server
- Developed back-end Node.js server to manage all communication between application and database; allows users to upload and manage files; authenticates and responds to user requests; sends emails to both internal users and external customers based on predefined events
- Designed product Microsoft SQL 2014 database

Municity Connect Tax Status - module for public-facing municipal software
- Designed and implemented product front-end using Ember.js. Ember front-end calls C# end-points to retrieve data from multiple tax years and display payment status of user's property (city, county, school, etc.) taxes

Municity Reports - reporting module for online municipal software
- Wrote many report SQL queries to retrieve data from customer databases
- Designed product infrastructure using 3rd party product Logi Info Studio

Municity Enterprise - municipal software for building, planning, zoning departments
- Designed several improvements to product's database access to speed up product
- Converted data from other sources to product's database
- Wrote SQL scripts to automate common tasks within product for customers

Languages and Technologies

- T-SQL (4 years); HTML 5 (3+ years); JavaScript (3+ years); CSS3 (3+ years); JQuery (3+ years); SCSS (less than 1 year)
- Windows XP (10+ years), Windows 7 (5+ years), Windows Server 2008 (3+ years), Windows 8/8.1 (3 years), OS X (1+ years)
- MS SQL Management Studio 2005/2008/2012/2014 (4 years); Atom (less than 1 year); Notepad++ (3+ years)
- Bitbucket/Source Tree (Git) (2 years); GitHub (1 year)
- Node.js (2 years); Express.js (2 years); Ember.js (less than 1 year)

Education

Williamsport, PA	**Lycoming College**	**August 2005 - May 2009**

- BA Computer Science, May 2009

Additional Experience

ACM Chapter President	**Lycoming College**	**August 2007 - May 2009**

Arranged and oversaw practices for ACM ICPC competitions 2007 - 2008. Member of competition team 2006 - 2008. Member of CCSCNE competition team 2006, 2009.

Tutor	**Lycoming College**	**August 2006 - May 2009**

Classes included: Intro to Programming, Advanced Programming Techniques, Data Structures, Computer Graphics.