Robert Niznik

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2005 Huron Parkway, Apartment 11, Ann Arbor, MI 48104

Education

Online Master of Science in Computer Science, Georgia Institute of Technology — In Progress
Bachelor of Science in Computer Science, University of South Florida — May 2014

Skills

Web Development:	AngularJS, Angular (2+), JavaScript, TypeScript, HTML 5, CSS, jQuery
Languages:	Java, Python, C, C++, C#
Databases:	SQL, Oracle PL/SQL

Employment

Software Developer for General Motors (June 2014 to Present)
Responsible and accountable for the quality and coding of software components that make up complex systems serving GM's customers and dealers. Primarily do front end development for single-page applications using AngularJS, HTML5, CSS3, JavaScript, and jQuery.

USF Student Residential Desk Clerk (August 2012 to April 2014)
Assist student residents living in campus dormitories with any questions or issues. Duties include maintaining room keys and building access in addition to operating a computer database of student information.

Academic Experience

Virtual Surgery Research (January 2014 to April 2014)
Project involving the creation of 3D images from ultrasound DICOM images and using Unity to project them unto augmented reality system glasses. Responsible for translating and rewriting a GUI and algorithm made in Matlab to C++ to improve the program's speed and performance.

Web Design Intern (Oct 2013 to April 2014)
Duties include maintenance and enhancement of Black & Denim Apparel Company website.

USF Assistive Robotics Research REU (April 2013 to April 2014)
Project involving power wheelchair control by utilizing Arduino microcontrollers with accelerometer data collected from an Android phone via Bluetooth.

USF PC Power Management REU Project (August 2012 to April 2013)
One of three REU students on a $50,000 Student Green Energy Fund project to power manage desktop PCs on the USF Tampa campus to reduce energy use. Responsibility was to maximize energy savings by using data analysis methods to find non-obvious relationships between desktop PC energy use and power management settings.