

Robert Niznik

niznikr55@gmail.com (248) 410-5410
2005 Huron Parkway, Apartment 11, Ann Arbor, MI 48104

Education

Master of Science in Computer Science , Georgia Institute of Technology	Dec 2019
Bachelor of Science in Computer Science , University of South Florida	May 2014

Skills

Web Development:	Vue, JavaScript, TypeScript, React, Angular, HTML5, CSS
Languages:	Python, Java, C, C++, C#
Databases:	SQL, Oracle PL/SQL

Employment

Web Application Developer for ITHAKA (October 2017 to Present)

Responsible for designing, developing and maintaining web applications that are deployed on a cloud-delivered platform and powered by APIs. Work in an agile team that delivers leading edge solutions used across the globe by millions of visitors each month.

Software Developer for General Motors (June 2014 to October 2017)

Responsible and accountable for the quality and coding of software components for serving GM's customers and dealers. Developed single-page applications using AngularJS, HTML5, CSS3, JavaScript, and jQuery.

Student Residential Desk Clerk for USF (August 2012 to April 2014)

Assist student residents living in campus dormitories with any questions or issues. Duties included 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 onto 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 included 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.