

Michael Mickelson

Web Applications Developer

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Work Experience

Colorado State University Fort Collins CO

Web Developer July 2013 – Present

- Developed for the [Collaborative for Student Achievement](#)
- Learned advanced HTML, CSS, Javascript, C#, and MVC
- Established and maintained tables in Windows SQL Servers
- Worked independently and in groups to achieve deadlines
- Explored additional opportunities for department tools
- Assisted non-technical staff with computing issues including both hardware and software
- Utilized Content Management Systems on several projects

Skills

- C#, ASP.Net, MVC
- HTML, CSS
- Javascript, jQuery
- Bootstrap 3/4
- Visual Studio
- Git Hub
- Microsoft Office
- Google Docs
- C, C++, Java
- AngularJS, Angular 2

Education

Colorado State University Fort Collins, CO

Bachelor of Science August 2012 – August 2017

- Completed numerous courses in science including biology, psychology, chemistry, physics, and calculus
- Completed additional coursework in Computer Science including classes relevant to Java, C, C++, and Unix

Thompson valley High School Loveland, CO

August 2008 – May 2012

Projects

Taking Stock 2013

- Initially built upon C# Web Forms and HTML
- Accesses databases using LINQ-to-SQL tools
- Allowed any Resident Assistant (RA) to view the students on their floor in a sortable table
- RA users could track their student's survey progress, notes from academic advisors, and send them emails from an in-site system

- Re-deployed in 2017 as an MVC project using new Bootstrap styles and jQuery Data Tables plugin
- Worked directly with superior to determine layout and function, then worked independently to incorporate those ideas into a working site

ETI 2014

- Designed to allow staff to send emails from department accounts besides their personal address
- Utilized a User Role system to group departments together, allowing the sharing of templates
- Allowed staff to automatically add recipients based on their ID Number without knowing their name or email address
 - Lookup using an existing SQL database of students, gathered from main campus
- Utilized C# and HTML
 - First personal project with near complete autonomy
- Worked with staff members to rapidly respond to errors and push updates on the fly
- Created a from-scratch stylesheet for the entire site
- Began updating in 2017 to use improved jQuery plugins and a uniform bootstrap style to bring the system in line with other sites

Outreach and Support 2015

- HTML and the Mojo Portal Content Management System (CMS)
- Worked with small group of non-technical staff to gather their ideas for a new front-end site
- Built the stylesheet from scratch around the existing CMS layout
- Educated staff members on proper usage of CMS and responded to their requests and criticisms

U-Turn 2016

- C#, SQL, and HTML Web Application
- First utilization of the Bootstrap library and jQuery Data Table library
- Organized with an annual event in mind.
 - Students were notified to take a survey before each event
 - On the event date, students could check in with coordinators
 - Coordinators could then meet one-on-one with students and discuss their survey responses
 - System tools would then allow them to build out an "Action Plan" with links to on campus resources
 - After the event, the system would automatically email each student their completed action plans