amacwhirter.com
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ASHLEY D. MACWHIRTER

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TECHNICAL SKILLS

Languages:	*Frameworks/Libraries:*		*Technologies:*	
• JavaScript	• Node.js	• React	• MongoDB	• AJAX
• SQL	• jQuery	• MERN	• MySQL	• REST API
• HTML	• Bootstrap	• D3.js	• Git/GitHub	
• CSS	• Meteor.js	• Handlebars	• JSON	

EDUCATION

Georgia Institute of Technology - Certificate in Full Stack Flex Web Development   January 2017 – Present
University of Alabama in Huntsville - Bachelor of Arts   Graduated Cum Laude: May 2012

APPLICATIONS BUILT (See portfolio link for more)

BootCruit || https://bootcruit.herokuapp.com/
- Building the tool to make job hunts easier for fellow developers in Coding Bootcamps, and make the hiring process easier for Recruiters and Hiring Managers.
- Built using: **React.js, D3.js, Node.js, Express.js, MongoDB, Mongoose, JavaScript, jQuery**.

NYT Scrubber || https://admnytreact.herokuapp.com/
- MERN Stack app which allows for the search of New York Times articles based on key words searched by user.
- Built using: **React.js, Axios, MongoDB, Mongoose, Node.js, Express.js, Handlebars, JavaScript, Bootstrap.**

FriendFinder || https://admfriendfinder.herokuapp.com/
- A compatibility-based "FriendFinder" application -- basically a dating app. This full-stack site will take in results your users' surveys, and then compare their answers with those from other users and provide a match.
- Built using: **Node.js, Express.js, JavaScript, jQuery, Bootstrap, HTML, CSS.**

Oil Scraper || https://admwebscrape.herokuapp.com/
- A webscrape app that lets users leave comments on the latest Edmonton Oilers news. These articles are not written by users of the app, but instead use Mongoose and Cheerio to scrape news from another site.
- Built using: **MongoDB, Mongoose, Cheerio, Node.js, Express.js, Handlebars, JavaScript, Bootstrap.**

WORK EXPERIENCE

BIM Manager/Mechanical Designer/Piping Designer   **January 2013-Present**
InSpec Group   Atlanta, Georgia
- Use of AutoCAD, Plant3D, MEP, Navisworks to produce scaled 2D orthographic drawings, isometric drawings, and 3D Building Information Models (BIM) to coordinate projects and document revisions to construction documents.
- BIM Manager & Champion of the implementation of BIM Construction Management software in company.
- Visit job sites to setup and implement document control system with database protocol.

Piping Designer/Drafting Technician   **August 2012-January 2013**
Kelly Services   Decatur, Alabama
- Use of AutoCAD to draft the pipe design and layout in section views, orthographic views, and isometric views.

Mechanical Engineering Internship   **May-August, December 2011-January 2012**
Precision Well Servicing   Red Deer, Alberta, CAN
- Projects included: Pump truck design for rigs, Oil rig design, Oil derrick design, and other oil/piping related projects.
- Extensive use of 2D AutoCAD and 3D Inventor for the design of piping, rigs, trucks, and other projects.