

Jacob D. Hartin

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WORK EXPERIENCE

Software Developer, Mar 2015 – Present, *TVA, contracting through Johnson Service Group, jsginc.com*

- Worked across several teams large and small. Currently leading a team that is developing software to notify large users of power about incoming curtailments in emergency situations when the system load gets large.
- Created software giving TVA employees ability to economically manage their portfolio of plants
- Provided forecasting for large TVA customers so employees can make better decisions affecting system reliability

Consultant, Jan 2008 – Present, *Hartin Web Consulting, jacobhartin.com*

- *Nexus eWater* – updated home page, translated remote treater units statuses to human readable format on admin website, added functionality to better manage treater units
- *TipTime* – Android app to calculate tips with suggested percentages and ability to split a party
- *Lives for Candy Crush* – Android app to replenish lives lost in the game Candy Crush Saga

Web Developer, Oct 2011 – Nov 2011, Aug 2013 – Jan 2015, Sep 2016 – Nov 2016, *Group Health Cooperative, ghc.org*

- Maintained and updated Group Health's various websites and implemented redesign incorporating new branding
- Developed quoting tool helping small businesses get estimates for their employees' insurance online, saving Group Health money by reducing staff time needed to handle quotes over the phone 2014 – 2016
- Built Medicare website for 2014 – 2016: medicare.ghc.org

Web Developer, Nov 2011 – Feb 2013, *Hacker Group, hackergroup.com*

- Worked on Hacker Group's personal website and for client companies such as AT&T and Carnival
- Created emails for large AT&T advertising campaigns and landing pages for David's Bridal/Carnival sweepstakes
- Redesigned an AT&T mailing system for greater customization and ease of use

Software Developer, Mar 2007 – May 2011, *Center for Advanced Public Safety (CAPS), caps.ua.edu*

- Constructed websites, web applications, and web services used to support public safety officials across Alabama
- Made application that collects data from roadside terminals using modem connection
- Built tool deployed onto police officer's laptops to assist in detecting issues with CAPS software

EDUCATION

MS in Computer Science

The University of Alabama, Tuscaloosa, AL
GPA: 3.78/4.0

BS in Computer Science, *summa cum laude*

The University of Alabama, Tuscaloosa, AL
Minor: Mathematics
GPA: 4.0/4.0

TECHNICAL SKILLS

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|-------------|----------------|--------------|-----------|-----------------|
| • .NET | • C/C++ | • Handlebars | • Meteor | • Redis |
| • AJAX | • C# | • HTML5 | • MongoDB | • SASS |
| • Android | • CoffeeScript | • Java | • Node | • SQL |
| • Angular | • CSS | • Javascript | • PHP | • Visual Studio |
| • BASH | • Ember | • jQuery | • Python | • WordPress |
| • Bootstrap | • Git | • JSON | • React | • XML |

HONORS AND AWARDS

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| • Most Outstanding Senior in Computer Science, 2010 | • CS Research Assistant Grant, 2010-2011 |
| • Dean's or President's List every semester | • Butler County Alumni Scholarship, 2006 |
| • University of Alabama Honors Program | • W.O. Parmer Scholarship, 2006-2010 |
| • NSF Computer Science Engineering & Math Scholarship, 2009-2010 | • Jim Newton Memorial Scholarship, 2006-2007 |
| • UA Presidential Scholarship, 2006-2010 | • Upsilon Pi Epsilon, 2009, President in 2010 |
| | • Capstone Eng. Society Scholarship, 2006-2010 |