

217.320.1243
josiah@jburchard.com
JBurchard.com

Josiah Burchard

Josiah Burchard
30 N Hanover St Apt 3
Cape Girardeau, MO 63701

EDUCATION

Southeast Missouri State University, *Cape Girardeau, MO*
Bachelor of Science in Computer Science, Minor in Mathematics

Anticipated May 2017
3.85/4.00

TECHNICAL SKILLS

Front End Development: HTML, HTML5, CSS, Sass, JavaScript, JQuery, Angular, NPM, Gulp, Webpack
Back End Development: Node, C#, Ruby on Rails, ASP.NET, MVC, Web API, SQL
Operating Systems: OSX, Windows, Linux

PROFESSIONAL EXPERIENCE

Lead Front End Engineer, Roomhere LLC, *Cape Girardeau, MO*
{Ruby On Rails, Angular2, HTML, CSS}

August 2016 – Present

- Front end web development for Roomhere.io
- Optimize SEO rankings, analyze incoming website traffic
- Develop partnerships with local organizations and city services

Undergraduate Researcher, University of Missouri, *Columbia, MO*
{C++, Network Simulator 3, Ruby on Rails, ReactJS, HTML, CSS, Android Studio}

May 2016 – July 2016

- Constructed iterative improvements on the Panacea's Cloud mobile app for Google Glass
- Conducted field tests on the Panacea's Cloud platform with Missouri Task Force I
- Analyzed improvements in underlying network protocols
- Researched mesh networking solutions using geographic data routing

Software Engineer, Vintage Software, *Cape Girardeau, MO*
{ASP.NET, C#, HTML, CSS, Angular, JQuery, NPM, Gulp, SQL}

October 2014 – May 2016

- Full stack web development on EstateSales.NET
- Utilized high congruency HTML email generation
- Executed a custom integrated content management system
- Optimized production code deployment systems

CONTRACT EXPERIENCE

Cosmetic Car Tech, Codefi, *Cape Girardeau, MO*
{Ruby on Rails, HTML, CSS}

September 2016

- Implement a customer acquisition platform for Cosmetic Auto Repair at CosmeticCarTech.com
- Manage feature design and development with the client for iterative improvements

PUBLICATIONS

"Wireless Mesh Networking Protocol for Sustained Throughput in Edge Computing"

- IEEE International Conference on Computing, Networking and Communications, *January 2017*

"Real-Time Tracking of Mass Casualty Incident Markers in a Search and Rescue Training Simulation"

- Critical Care Medicine, *December 2016*