

Charles Julian Knight

julian@rabidaudio.com

<http://www.linkedin.com/pub/charles-knight/27/b96/907>

330 Valley Green Dr.

Atlanta, GA 30342

404 585 1386

Education

Georgia Institute of Technology	B.S. Electrical Engineering	Fall 2012 - Spring 2015 (expected)
Berry College	B.A. Dual-Degree Program	Fall 2009 - Spring 2012

Organizations

Startup Exchange	<i>Student organization to foster entrepreneurship and hacker culture on campus. Co-led the Maker team. Developed and maintained websites, taught classes on web development with Ruby on Rails, organized and attended hackathons.</i>
------------------	---

Technical skills

Programming	Familiar with: <ul style="list-style-type: none">• Javascript (MEAN, jQuery)• Perl• Ruby• PHP• Python• Embedded C/C++
Projects	<p>Wki.pe <i>URL shortener for Wikipedia articles. Started as an early foray into databases. Single-page web app with PHP backend. Learned git, SEO techniques, adaptive HTML5. Brushed up on CSS, jQuery, SQL. Source code on GitHub.</i></p> <p>Car Music Player [work in progress] <i>Raspberry Pi MP3 player embedded into my dashboard. Wrote player application from scratch in Python. Arduino I/O board with RS232 interface to Pi. Learned large Python programming with modules, serial communication. Brushed up on microprocessors.</i></p> <p>More projects and information on my blog: http://blog.rabidaudio.com</p>

Employment

Sep 2012–Aug 2013	<p>Norfolk Southern Corporation, Atlanta, Georgia Co-op, Distributed Systems/AIX. <i>Worked closely with AIX administrators. Wrote automation scripts (perl/shell); worked with diagnostic reporting and resource inventory database; helped manage 10,000 sq. ft. datacenter; developed for and trained coworkers in SharePoint; developed application in Visio for visualizing datacenter layout; tweaked, deployed, and administered DokuWiki server.</i></p>
Aug 2009–April 2012	<p>Berry College Office of Information Technology, Mount Berry, Georgia Student Supervisor, Technical Support Desk. <i>Provided technical support for faculty, staff, and students over phone, email, and in person; created and managed service requests; directed departmental calls.</i></p>