Charles Julian Knight

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My objective is to get an internship for summer 2014 as an engineer at a local Atlanta technology startup.

Education

B.S. Electrical Engineering *Fall 2012 - Spring 2015*	Georgia Institute of Technology - Atlanta, GA	GPA: 3.06
B.A. Dual-Degree Program *Fall 2009 - Spring 2012*	Berry College - Rome, GA	GPA: 2.94

Organizations

Startup Exchange
Spring 2014 - Present

Organizer   *Student organization to foster entrepreneurship and hacker culture on campus. Co-led the Maker team. Developed and maintained website, taught classes on web development with Ruby on Rails to six students, organized three and attended almost a dozen hackathons.*

Technical skills

Programming

Languages
- Javascript (MEAN, jQuery)
- Ruby
- Python
- Perl
- PHP
- Embedded C/C++

Experience

Sep 2012–Aug 2013

Norfolk Southern Corporation, Atlanta, Georgia
Co-op, Distributed Systems/AIX.
- *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*

Aug 2009–April 2012

Berry College Office of Information Technology, Mount Berry, Georgia
Student Supervisor, Technical Support Desk.
- *Provided technical support for faculty, staff, and students via phone, email, and in person*
- *Created and managed service requests and directed departmental calls*

Oct 2011–Aug 2013

Wki.pe
URL shortener for Wikipedia articles. Source code on GitHub.
- *Single-page web app with PHP backend*
- *Learned git, SEO techniques, adaptive HTML5 and brushed up on CSS, jQuery, SQL*

Oct 2011–Aug 2013

Car Music Player
MP3 player embedded into my dashboard. Source code on GitHub.
- *Wrote player application from scratch in Node.js*
- *Arduino I/O board with RS232 interface to Raspberry Pi*

More projects and information on my blog: http://blog.rabidaudio.com