

# David Cowden

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CONTACT INFORMATION	Grinnell College 1115 8th Ave NUM 3386 Grinnell, Iowa, 50112	+1 215 326 9336 dcow90@gmail.com <a href="http://www.dcow.me">http://www.dcow.me</a>
EDUCATION	<b>Grinnell College</b> , Grinnell, Iowa, USA <i>Bachelor of Arts in Computer Science — CS GPA 3.6/4.0</i> <b>Aquincum Institute of Technology</b> , Budapest, Hungary <i>Computer Science Program</i>	<b>August 2009 – May 2013</b> <b>January 2012 – May 2012</b>
INTERESTS	Mobile Device Development & Technologies — HTTP & REST — Low-Level Software Systems	
PORTFOLIO	GitHub <a href="https://github.com/dcow">https://github.com/dcow</a> Bitbucket <a href="https://bitbucket.org/dcow">https://bitbucket.org/dcow</a>	
PROFESSIONAL EXPERIENCE	<b>Grinnell College Information Technology Services</b> , Grinnell, Iowa <i>Mobile Application Development Coordinator</i> <ul style="list-style-type: none"><li>Manage a group of 8 developers responsible for creating mobile applications for Android, iOS, and WP for college and community use.</li><li>Released <i>G-licious</i> – a full featured Grinnell dining assistant which is used by over 25% of the campus and has over 500 active installs.</li><li>Product manager, developer, and architect for <i>TCDB2</i> – a Rails rewrite of the ACM award-winning shift scheduling system, <i>TCDB</i>, for over 100 ITS staff and student workers.</li><li>AppDev portfolio: <a href="https://github.com/GrinnellAppDev">https://github.com/GrinnellAppDev</a> — G-licious: <a href="http://apps.g-licio.us">http://apps.g-licio.us</a></li></ul> <i>Technology Consultant</i> <ul style="list-style-type: none"><li>Provide Linux, Windows, OSX, Application, and Networking support for over 2000 students and staff.</li><li>Train 4-6 new tech consultants each year at the helpdesk.</li></ul> <b>Oklahoma University Health Sciences Center</b> , Oklahoma City, Oklahoma <i>Undergraduate Summer Research Student</i> <ul style="list-style-type: none"><li>Worked with 4 medical students at <b>OUHSC</b> to develop a system for auto-curation of thousands of articles and medical documents.</li><li>Wrote <i>jPearltrees</i>, a Java interface for RDF/XML <i>Pearltrees</i> data: <a href="http://jpearls.dcow.me">http://jpearls.dcow.me</a></li></ul> <b>Grinnell College Computer Science Department</b> <i>Undergraduate Summer Research Student</i> <ul style="list-style-type: none"><li>Worked with 3 other students to develop <i>Myro-C</i>, a C interface for the Parallax <i>Scribbler 2</i> robots.</li><li>Wrote a complete CS2 course curriculum consisting of 8 modules and labs which utilize the robots.</li><li>Published a 5 page paper: <i>A C-based Introductory Course Using Robots</i> among the proceedings of SIGCSE 2012.</li></ul>	
PROGRAMMING TECHNOLOGIES	<i>Proficient:</i> C · C++ · Java · Scheme · Ruby · Rails · Bootstrap <i>Familiar:</i> Objective-C · PROLOG · Python · PHP · JavaScript · Mathematica · Open-GL <i>Interesting:</i> D · Clojure · Scala · Perl · Groovy · LISP	
MARKUP	L <sup>A</sup> T <sub>E</sub> X · HTML5/CSS3 · JSON · XML · RDF · DOM · OWL · Markdown	
SKILLS & ENVIRONMENTS	Linux/Unix · Android · OSX · iOS · Windows [RT] · GIT · Command-line Tools · RISC Assembly Server Admin · Agile Methodology · Test Driven Development	
PROFESSIONAL LEADERSHIP	CS Student Education and Policy Committee · CS Department Tutor and Grader · Tech Consultant Mentor · XP Product Manager · StackExchange Contributor · ACM Student Chapter Vice President	
EXTRA CURRICULAR	Grinnell Singers – Bass Section Leader · Noteworthy A’cappella Group – Director · Graphic Design Grinnell Grillers – Founder · International Soccer Organization · Recognized XDA Developer	