

David Cowden

CONTACT INFORMATION	Grinnell College 1115 8th Ave NUM 3386 Grinnell, Iowa, 50112	+1 215 326 9336 dcow90@gmail.com http://www.dcow.me
EDUCATION	Grinnell College , Grinnell, Iowa, USA <i>Bachelor of Arts in Computer Science — CS GPA 3.7/4.0</i> Aquincum Institute of Technology , Budapest, Hungary <i>Computer Science Program</i>	August 2009 – May 2013 January 2012 – May 2012
INTERESTS	Mobile Device Development & Technologies — HTTP & REST — Low-Level Software Systems	
PORTFOLIO	Personal http://www.dcow.me/projects.html GitHub https://github.com/dcow Bitbucket https://bitbucket.org/dcow	
PROFESSIONAL EXPERIENCE	Grinnell College Information Technology Services , Grinnell, Iowa <i>Mobile Application Development Coordinator</i> <ul style="list-style-type: none">Manage a group of 8 developers responsible for creating mobile applications for Android, iOS, and WP for college and community use.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.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.AppDev portfolio: https://github.com/GrinnellAppDev — G-licious: http://apps.g-licio.us <i>Technology Consultant</i> <ul style="list-style-type: none">Provide Linux, Windows, OSX, Application, and Networking support for over 2000 students and staff.Train 4-6 new tech consultants each year at the helpdesk. Oklahoma University Health Sciences Center , Oklahoma City, Oklahoma <i>Undergraduate Summer Research Student</i> <ul style="list-style-type: none">Worked with 4 medical students at OUHSC to develop a system for auto-curation of thousands of articles and medical documents.Wrote <i>jPearltrees</i>, a Java interface for RDF/XML <i>Pearltrees</i> data: http://jpearls.dcow.me Grinnell College Computer Science Department <i>Undergraduate Summer Research Student</i> <ul style="list-style-type: none">Worked with 3 other students to develop <i>Myro-C</i>, a C interface for the Parallax <i>Scribbler 2</i> robots.Wrote a complete CS2 course curriculum consisting of 8 modules and labs which utilize the robots.Published a 5 page paper: <i>A C-based Introductory Course Using Robots</i> among the proceedings of SIGCSE 2012.	January 2011 – present September 2009 – present June 2012 – August 2012 June 2011 – August 2011
PROGRAMMING TECHNOLOGIES	<i>Proficient:</i> C · C++ · Java · Scheme · Ruby · Rails <i>Familiar:</i> Objective-C · JavaScript · PROLOG · Python · PHP · Open-GL <i>Interesting:</i> D · Clojure · Scala · Perl · Groovy · LISP	
MARKUP	L ^A T _E 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 · Bootstrap · Mathematica	
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 CIRRICULAR	Grinnell Singers – Bass Section Leader · Noteworthy A’cappella Group – Director · Graphic Design Grinnell Grillers – Founder · International Soccer Organization · Recognized XDA Developer	