

David Cowden

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<http://dcow.me>

INTERESTS Mobile and Native Software Development

PORTFOLIO Personal <http://www.dcow.me/projects.html> Bitbucket <https://bitbucket.org/dcow>
AppDev <https://github.com/GrinnellAppDev> GitHub <https://github.com/dcow>

Open source project contributions:

- **aosp** — Android Open Source Project — <http://developer.android.com/>
- **git** — a modern distributed version control system — <http://git-scm.com/>

PROFESSIONAL EXPERIENCE **Inkling** San Francisco, California
Android Software Engineer **May 2013 – present**

- Work with a team of 4 Android engineers and, additionally, rotating interns.
- Wrote an *interactive reader application*, from the ground up, for Inkling content.
- Writing a native SDK that allows Inkling content to seamlessly integrate into other software.

Grinnell College Information Technology Services Grinnell, Iowa
Mobile Application Development Coordinator **January 2011 – May 2013**

- Managed a group of 8 developers and many other trainees responsible for creating mobile applications for Android, iOS, and Windows Phone.
- Released *G-licious* – a full featured Grinnell dining assistant which is used by over 25% of the campus and has over 500 active installs.

Technology Consultant **September 2009 – May 2013**

- Provided Linux, Windows, OSX, Application, and Networking support for over 2000 students and staff.
- Trained 4-6 new tech consultants each year at the helpdesk.

Oklahoma University Health Sciences Center Oklahoma City, Oklahoma
Undergraduate Summer Research Student **June 2012 – August 2012**

- Worked with 4 medical students at **OUHSC** to develop a system for auto-curation of thousands of articles and medical documents.
- Wrote *jPearltrees*, a Java interface for RDF/XML *Pearltrees* data: <http://jpearls.dcow.me>

Grinnell College Computer Science Department Grinnell, Iowa
Undergraduate Summer Research Student **June 2011 – August 2011**

- Worked with 3 other students to develop *Myro-C*, a C interface for the Parallax *Scribbler 2* robots.
- Published a 5 page paper: *A C-based Introductory Course Using Robots* among the proceedings of SIGCSE 2012.

EDUCATION **Grinnell College** Grinnell, Iowa, USA
Bachelor of Arts in Computer Science — CS GPA 3.7/4.0 **August 2009 – May 2013**

Aquincum Institute of Technology Budapest, Hungary
Computer Science Program **January 2012 – May 2012**

ANDROID Gradle · DDMS · Robotium · Espresso · AppThwack · Crashlytics · Crittercism · Gerrit · repo

FAMILIAR TECHNOLOGIES C · Java · Scheme · Linux/Unix · OSX · iOS · Windows · git · bash · Mathematica
L^AT_EX · HTML5/CSS3 · JSON · XML · RDF · Markdown · Jenkins · Redmine