

Dieterich Lawson

4604 Avenue H, Austin, Texas, USA
+1 806 470 2422
dieterich.lawson@gmail.com

EXPERIENCE

- 2009 – Present** **Chief Technology Officer at Medic Mobile (formerly FrontlineSMS:Medic)** - medicmobile.org
- Currently managing all aspects of software development including planning, development, and deployment on vastly underpowered and varying systems in developing countries.
 - Personally created and coded multiple healthcare software projects that are used to care for millions of patients worldwide.
 - Responsible for overseeing a team of software developers and the day-to-day administrative and communication needs of the development team.
 - Project descriptions can be found at medicmobile.org/tools. Code can be found at github.com/dieterichlawson and github.com/medic.
- 2008** **Developer at SquarePeg**
- Developed an iPhone app leveraging the Social Actions web API (socialactions.com) that allowed users to browse, search, and share service-minded action opportunities.
- 2007** **Intern at Tyler Technologies** - tylertech.com
- Gained experience working with sprawling legacy systems and large, government clients.
 - Learned COBOL quickly on the job to help with development tasks.
 - Successfully managed the same workload as salaried developers.

EDUCATION

- 2007 – 2009** **Lewis & Clark College, Portland, Oregon**
Studied Biochemistry and Computer Science
Cumulative GPA: 3.67 / 4.0
Dean's List
- 2003 – 2007** **Lubbock High School, Lubbock, Texas**
Cumulative GPA: 4.59 / 4.0 (weighted)
Top 5% of graduating class

AWARDS

- 2010** **LAUNCH:Health Innovator** - launch.org
Selected as a leading innovator in the modern health technology field. Presented in front of a panel of industry leaders at NASA. My presentation is available at goo.gl/CX7lj (starts at 5:20).
- 2009** **3rd Place in Social Actions "Change the Web Challenge"** – socialactions.com/changetheweb
Submitted an iPhone app to the "Change the Web Challenge" that allowed users to browse, search, bookmark, and share service-oriented opportunities pulled from socialactions.com.
- 2008** **Pamplin Fellowship** at Lewis & Clark College - www.pamplinfellows.org
Most prestigious academic award at Lewis & Clark, awarded to seven individuals of the sophomore class based on academic success, work ethic, integrity, physical fitness, and involvement in the community.
- 2007** **Trustee Scholar** at Lewis & Clark College - goo.gl/TvDxn
Scholarship awarded to top students in matriculating class.

SKILLS

Information Technology & Software Development

- Programming Languages (Java, Objective C, COBOL, C++)
- Dynamic Programming Languages (Python, Javascript)
- Web Standards and Technologies (HTML, CSS, JQuery, Ajax, DWR, JSON, XML)
- Mobile applications (iOS, SIM Toolkit Applications, SMSLib)
- Relational Databases (MySQL, Hibernate)
- Unix system administration
- Scripting Languages (Bash, Batch)
- Spring Web Framework

Miscellaneous

- Modern software development methodologies (rapid prototyping, Agile)
- Copious telecommuting experience
- User experience and usability design
- Project management

PUBLICATIONS

Yee KP, Lawson JD, König D. The Tablecast data publishing protocol. Submitted to ISCRAM 2011, acceptance pending.
More info available at tablecast.org and iscram.org.

Rajput ZA, Lawson JD, Biondich PG. Demonstration of a Robust Messaging System within OpenMRS. Technology Demonstration, 2010 mHealth Summit, Washington DC.

PROFESSIONAL MEMBERSHIPS

Electronic Frontier Foundation – eff.org

Free Software Foundation – fsf.org

Association for Computing Machinery – acm.org

PRESS

Good Morning America – www.abcnews.go.com/story?id=12913872&sid=26

Twitter – www.hope140.org/blog/?p=59

ComputerWorld - www.computerworld.com/s/article/352446/The_Grill_Dieterich_Lawson

TakePart - www.takepart.com/news/2009/06/10/takepart-exclusive-qa-with-frontline-smsmedic

References available on request