Jacob Walker

Software Developer, Trainer, Community Organizer

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10 years of development experience including **4 years** of experience with **Go**. Excellent communicator with a tech and business background. Has trained **over 1,000** developers through **43** engagements for **25** organizations across **20** cities in **5** countries.

Has served as a trainer or consulting engineer for teams at many companies including **Intel, Oracle, Comcast, Visa, Adobe, eBay, New Relic, Bethesda, Dollar Shave Club, Hallmark Labs, Shipt, Spectra Logic, Nutanix, Juniper,** & **ZipRecruiter.**

— COMMUNITY INVOLVEMENT

The devICT Institute 501(c)(3) — *President*   **DEC 2012 - PRESENT**

devICT is Wichita's largest developer community at 1000+ members. Our mission is to educate, empower, and connect developers in the Wichita area. As the current President I work to foster a safe and inclusive environment for anyone interested in development. I have led the team to become a registered non-profit organization. As a speaker I have presented on several programming topics as well as social issues.

GoBridge — *Volunteer*   **MAY 2016 - PRESENT**

GoBridge is a community dedicated to building bridges that educate and empower underrepresented communities to teach technical skills and foster diversity in tech. As a volunteer I have taught **5** workshops covering Go and developing web applications with Go. Workshops were taught in partnership with Women Who Code Wichita, Women Who Go New York, and Women Who Go San Francisco.

Ad Astra Academy — *Instructor*   **JUN 2014 - FEB 2016**

I taught workshops for aspiring web developers covering HTML, CSS, JavaScript, Ruby, Rails, TDD, and Git. I handled administrative tasks and directed the curriculum and schedule.

— EDUCATION

Emporia State University: Emporia, KS — *Masters of Business Administration*   **MAY 2010**

Computer Information Systems concentration. Cumulative graduate GPA 4.0 (4=A)

Emporia State University: Emporia, KS — *Bachelor of Science in Business*   **DEC 2008**

Majored in Management. Graduated Magna Cum Laude. Cumulative undergraduate GPA 3.83 (4=A).

— HONORS & AWARDS

- MBA Student of the year 2010
- University high score: MBA Major Field Test Spring 2010
- Recipient, CFSS Scholarship for excellence in business (2004-2010)
- Member, Beta Gamma Sigma (business honorary society) 2007-2010

─ **EXPERIENCE** ──────────────────────────────────

Ardan Labs — *Community Engineer*   FEB 2016 - PRESENT

Trainer and Contract Developer for many companies from small startups to Fortune 100 companies.

As a Trainer I have taught **hundreds** of people the syntax, mechanics, philosophies, and practices of **Go**.

As a developer I have helped build many products including stock analysis APIs, consumer finance evaluators, configuration tools, food distribution monitors, and service technician management systems.

Wrecking Ball Media Group — *Contracting Engineer*   FEB 2015 - FEB 2016

Primary **Go** server engineer for **Adobe Project 1324** which is a web platform engaging creative youths to share original pieces of work related to a particular cause. One exhibit launched on the platform was **#withmalala** which invited youth to stand with Malala Yousafzai in her campaign for girls' rights to education. A second exhibit was the 2015 Sundance Ignite Challenge. In this role I:

- Developed the server application composing a REST API, middleware, Go templating, a service layer, SQS job queues, logging to an ELK stack, internationalization, and unit and integration tests.
- Integrated with the APIs of several Adobe systems.
- Built Continuous Integration Deployment pipelines using Ansible, Docker, Jenkins, and AWS.

Tortugas Consulting, LLC — *Partner*   OCT 2011 - FEB 2015

- Various custom projects for clients using PHP with Symfony 2, Ruby on Rails, and Node.js.
- Maintained and extended a complicated proprietary commission tracking system.
- Developed an e-commerce business based on OpenCart.
- Provided security and best practices advice for various clients.

TimeIPS — *Lead Developer*   OCT 2010 - FEB 2015

- Managed a team of 4 developers.
- Introduced Test Driven Development with PHPUnit and Continuous Integration with Jenkins.
- Started a process of code reviews via Phabricator.
- Lead the development of a REST API.
- Updated legacy code to use the Doctrine 2 ORM.
- Developed a system for managing a cluster of QEMU virtual machines.
- Revamped the build process making heavy use of Composer, Gulp, and Bower.

Kansas Life, Insurance Agency — *Application Developer*   NOV 2009 - OCT 2010

- Significantly improved payroll accuracy and transparency through development of a PHP app.
- Reduced time required to process new business by several days by optimizing workflows.

Emporia State University, Richel Computer Lab — *Webmaster*   JAN 2009 - MAY 2010

- Developed PHP applications to improve functionality of the school's website.
- Maintained and updated content using a proprietary CMS.