

Adam Townsend

FULL STACK DEVELOPER · USABILITY ENGINEER

13310 E. Mission Ave Apt 110, Spokane Valley, WA, 99216, USA

☎ (+1) 717-461-2456 | ✉ adam@desnudopenguino.com | 🏠 buckytownsend.me | 📷 desnudopenguino

Summary

Owner & Jack of All Trades at Desnudo Penguino Designs. 10+ years of experience in full stack web development, with a recent focus on infrastructure automation and usability engineering. I love working in new problem spaces and learning new things. I'm interested in finding ways to simplify tasks and workflows and make life easier for everyone.

Work Experience

Talar.io

CONTRACT DEVELOPER

Spokane, WA

Mar 2017 - Jun 2018

- Maintained and updated website functionality
- Managed server updates and upgrades on Ubuntu 14.04 and Ubuntu 16.04
- Developed and implemented infrastructure automation
- Implemented new serverless site functionality
- Started implementing automated front-end testing
- Worked with Twilio's API to send and receive SMS messages
- Tools used: Ansible, Asana, AWS resources, BitBucket, Codelgniter, Git, HTML & CSS, JavaScript/jQuery, Jira, Katalon Recorder, MySQL, PHP, Riot/Matrix, Shell Scripting, Terraform, Slack, Stripe, Twilio

HKW

CONTRACT DEVELOPER

Spokane, WA

Jul - Oct 2016

- Worked with HKW on a client project for International Service Learning(ISL)
- Built a custom WordPress chat plugin
- Built a custom WordPress plugin functionality to trigger events and automate an internal mailing system
- Fixed other assigned issues
- Implemented a file and database backup
- Tools used: Git, HTML & CSS, JavaScript/jQuery, MySQL, PHP, Shell Scripting, Trello, WordPress

thingCHARGER

CONTRACT DEVELOPER

Spokane, WA

Jan - Jul 2016

- Maintained and updated internal billing reporting website
- Built and employee access tracking system using Codelgniter
- Optimized SQL queries to run faster (reducing time from minutes to seconds for many queries)
- Started the group on version control using Git and BitBucket
- Tools used: Codelgniter, Git, JavaScript/jQuery, MySQL, PHP, Slack

Spokane Industries

CONTRACT DEVELOPER

Spokane, WA

Jun - Sep 2015

- Updated website with new information
- Discussed migrating current site to Joomla
- Tools used: HTML & CSS

American Fine Art Company/Top Drawer Media

CONTRACT DEVELOPER

Spokane, WA

Oct 2014 - Present

- Managed Flootie.com development
- Implemented Stripe as a payment gateway for Flootie.com, ArtChowder.com, and NorthwestAerospaceNews.com
- Utilized multiple social networking APIs including Facebook, Pinterest, Twitter, and LinkedIn to share user content on Flootie.com
- Connected Flootie website through MailChimp for email processing
- Upgraded and managed WordPress installations for Art Chowder, Top Drawer Media, and Northwest Aerospace News websites
- Built a new version of FlyFlicker.com using Ruby on Rails
- Built a mailing list management tool using Ruby on Rails for Top Drawer Media magazines: Art Chowder and Northwest Aerospace News
- Tools used: Adobe Photoshop, BlueHost, Bootstrap, Git, GoDaddy, HTML & CSS, JavaScript/jQuery, MailChimp, MySQL, PHP, Ruby on Rails, SASS/SCSS, Stripe, Vultr, WordPress

Unlucky Sandpiper Company

CTO & LEAD DEVELOPER

Rochester, NY & Spokane, WA

Oct 2013 - Apr 2015

- Led a small team of student developers to build a job search & applicant tracking system during an entrepreneurship course
- Ended up building the same thing using three web frameworks: Ruby on Rails, phpDolphin (now phpSocial), and Codelgniter
- Tools used: BitBucket, Bootstrap, CakePHP, Git, Heroku, HTML & CSS, JavaScript/jQuery, PHP, phpDolphin, PostgreSQL, Ruby on Rails, Stripe

Rochester Institute of Technology

GRADUATE RESEARCH ASSISTANT

- Developed CMS/API to manage data for mobile tourism iOS app
- Tools used: BitBucket, Bootstrap, Git, Heroku, HTML & CSS, JavaScript/jQuery, PostgreSQL, Ruby on Rails

Rochester, NY

Mar - Oct 2013

Rochester Institute of Technology

GRADUATE TEACHERS ASSISTANT

- Assisted professors in the classroom
- Tutored and assisted students in and out of the classroom for C++, HTML & CSS, Java, JavaScript, MySQL, PHP, and Usability Engineering
- Graded assignments

Rochester, NY

Aug 2010 - May 2013

Carlisle SynTec

WEB INTERN

- Maintained internal websites
- Built Roof Rep. Locator web application
- Worked on SharePoint sites for multiple internal departments
- Tools used: asp.net, Google Maps API, HTML & CSS, JavaScript/jQuery, MS SharePoint

Carlisle, PA

May - Aug 2010

Tyco Electronics

IT INTERN

- Created video training courses on information sharing technologies
- Edited AV content
- Assisted in setting up, broadcasting, and recording live events
- Analyzed multiple multimedia editing software applications to determine the best one for the department's needs

Harrisburg, PA

May - Aug 2009

Carlisle SynTec

WEB INTERN

- Maintained internal websites
- Developed an interface to present manufacturing metrics at a local plant
- Updated the interface of an internal business card creation application
- Tools used: asp.net, ColdFusion, Flash, HTML & CSS

Carlisle, PA

May - Aug 2008

RIT NPPA

WEB DEVELOPER

- Updated website layout and content
- Tools used: HTML & CSS

Rochester, NY

Mar - May 2008

Carlisle SynTec

WEB INTERN

- Built and maintained an internal health and culture website
- Updated websites for multiple clients
- Tools used: Adobe Photoshop, HTML & CSS

Carlisle, PA

May - Aug 2007

Other Projects

Work Logger (WL)

CUSTOM SHELL-BASED TIME-TRACKING SCRIPT

- <https://github.com/desnudopenguino/wl.git>
- Wrote a custom shell script utilizing tmux sessions to track time spent on different projects

Spokane, WA

Feb 2016

HCI Masters Project

BRICK CITY TOURS

- <https://blendedinteractions.com/projects/brick-city-tours/>
- Worked with a group of multidisciplinary graduate students to design and build a mobile blended-space interface for virtual tourism

Spokane, WA

Aug 2012 - Mar 2013

HCI Independent Study

FTIR TOUCH SCREEN

- Designed and built a FTIR based multi-touch table surface to interact with a Windows desktop computer

Rochester, NY

Mar 2011 - Dec 2012