Darren M. Jennings

CONTACT INFORMATION	2375 18th Ave San Francisco, CA 94116	*Mobile:* +1-502-544-4320 *E-mail:* dmjenn02@gmail.com

EDUCATION

The University of Louisville, Louisville, KY USA

B.S. Professional Physics   **2011**

- Minor Field of Study: Mathematics

The University of Louisville, Louisville, KY USA

M.S. Computer Engineering Computer Science (CECS)   **Fall 2012 to Fall 2014**

- Degree not completed
- Courses completed: CECS 130 *Intro to Programming Languages*, CECS 302 *Data Structures*, CECS 310 *Discrete Structures*, CECS 590 *Mobile Programming for iOS Developers*, CECS 420 *Design of Operating Systems*

WORK EXPERIENCE

Educents, San Francisco, CA

Software Engineer   **June 2016 to present**

- Worked on Educents.com, a Magento e-commerce Marketplace, building customized systems to support Education through unique learning material.
- Overhauled the Educents Seller dashboard and onboarding codebase migrating javascript from jQuery to Vue.js speeding up develoment time, improving code quality, and increasing conversion of Sellers through onboarding. Displayed robust charting giving actionable data to sellers ingested from HEAP via an ETL process.
- Introduced Engineering team's first automated unit and acceptance tests which improved code integrity and allowed us to catch bugs faster.

Generation Tux / zTailors, San Francisco, CA

Software Engineer   **November 2015 to present**

- Led a team of engineers building technical solutions for the first national on-demand tailoring platform building APIs and Dashboards in PHP Symfony 3.
- Primary developer on the zWidget, an embeddable Javascript widget (React JS) for B2B partners to bring tailor booking to any site. Successfully replaced legacy php Symfony forms on zTailors.com in favor of a lighter weight javascript single page application (SPA).
- Developed report generation through scheduled tasks executed on Spotify's python Luigi module.
- Worked to maintain code quality through unit/acceptance testing, code reviews, and continuous integration.

Genscape Inc., Louisville, KY USA

Software Developer   **May 2014 to November 2015**

- Worked independently on Genscape's oil pipeline flow modeling calibration process. Designed and developed "Excalibrator", a responsive SPA which instruments complex data generation and analysis workflows cutting process times in half. Using AngularJS 1.4x on the front-end and PostgreSQL/SQL Server/Oracle on the data tier along with a suite of RESTful Web API services on the backend.
- Primary developer alongside an offshore development team creating Genscape's internal tools platform which served as an ecosystem to facilitate faster app development/integration for Genscape devs through consolidated authentication and application management.
- Developed extensively on RESTful Web API services and a mixture of Java and .NET (ASP.NET MVC) webapps for both customer facing and internal toolsets.
- Worked with and managed a myriad of legacy software using various technologies, mostly in Java, Groovy/Grails to help overhaul and transition to .NET.
- Earned a "Spot Award" in January 2014 for taking the initiative to develop a solution for image analysis pain points that plagued multiple groups in the organization. Built tool specifications and developed alone. The application received wide-spread adoption and is integral to Genscape image analysis.

Analyst / Software Developer   **October 2011 to 2014**

- Worked with a team of analysts to provide real-time data on the crude oil/NGL supply chain, specifically transportation (pipelines, rail, ship) data using Genscape's proprietary field monitors. Included analysis of electromagnetic, infra-red, and visual spectrum monitor data, field research of energy infrastructure, publication of intelligence reports/alerts, and software development for internal tools used by Genscape analysts.

Darren Jennings, Louisville, KY USA

Independent Web/iOS Software Developer   **October 2013 to present**

- Developed RoastWatch (http://www.roastwatchapp.com/), an iOS tool for roasting coffee. Worked alone on the project from concept to the App store. Released in the App Store April 2014. Developed in Obj-C.
- Worked as an independent contractor developing apps using both Phonegap/Cordova and also the Ionic framework.

The University of Louisville, Louisville, KY USA

Undergraduate Researcher   **October 2008 to 2011**

- Employed in a High Energy Physics (HEP) analysis group researching baryon production in e^-e^+ collisions at the SLAC National AcceleratorLaboratory as part of the BaBar Collaboration. Worked with large datasets developing applications using C++ data mining and worked with ROOT, a C++ analysis framework.
- Developed an independent analysis studying particle event topology as part of a larger exploration of QCD physics in inclusive baryon production.

TECHNICAL
SKILLS
Languages Proficient: PHP (Symfony 3, Laravel, Magento), C#, Java, Javascript.
Languages Experienced: Objective-C, Python, C++, Groovy
Databases: PostgreSQL, MySQL, Microsoft SQL Server. SQLite, Oracle

REFERENCES
Ron Peled phone: +1-415-516-7777
- *Ron was CTO at Educents and a mentor.*

Matt Howland phone: +1-415-420-2976
- *I reported directly to Matt who was CTO and managed engineering at Generation Tux / zTailors*

Eddie Tinsley phone: +1-502-876-6169
- *I worked closely with Eddie at Genscape transitioning legacy systems and driving new development for Genscape's Oil product.*