

# COREY GRAVELLE

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www.corg.us

Software Designer and Developer

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## EDUCATION

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**Bachelor of Science in Electrical Engineering**    June 2010 - University of California, Santa Barbara

**100-Hour TEFL / TESOL Certification**    July 2010 - Language and Culture Coaching, Los Angeles

**High School Diploma**    June 2006 - Adolfo Camarillo High School, Camarillo CA

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## WORK EXPERIENCE

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**Designer, Developer, Analytics Administrator | Meetyl Inc. | San Francisco, CA | Feb 2013 – Present**

- Redesigned and developed external pages, adding custom JS to the Ruby on Rails framework.
- Established relational database structure for website analytics; presented weekly reports
- Redesigned internal interface, using analytics to help recognize bottlenecks and streamline flow
- Wire-framed, mocked up, and coded additional features such as a geolocation-based company road trip planner and a holdings statistics page to further automate investor targeting.
- Wrote a scraper to extract SEC filing data with Ruby, parse with Nokogiri and port to local DB

**Freelance Software Developer | Self-Employed | Camarillo & San Francisco, CA | Oct 2011 - Present**

- Developed a web scraper with Python to automate pull of select Taiwanese stock data
- Redesigned and developed an artist showcase website with PHP and Wordpress
- Designed and developed a custom theme for a nonprofit to use on their Confluence platform
- Developed multiple personal websites - parallax effects, flash animations, custom widgets
- Invented and developed a signal manipulation program in Matlab, to visualize the synthesis and manipulation of audio signals on a free-form 2D canvas

**Electrical and Manufacturing Engineer Intern | Inogen Inc. | Goleta, CA | March 2008-Aug 2010**

- Managed time between many simultaneous tasks, from circuit tests and debugging to surplus sales
- Worked diligently on assignments, improving process efficiency and prototyping new designs
- Maintained thousands of parts and documents, soldering or repairing components when necessary

## **Help-Exchange Traveling Laborer | helpx.net | May 2011-September 2012**

- Worked at nine different locations throughout Europe; teaching, fixing electronics, general labor
- Adjusted rapidly to different living situations, working conditions, languages and cultures
- Perpetuated travels for 16 months, refining thriftiness, adaptability, charisma, and tenacity

## **ESL Instructor, Camp Supervisor | Lingua Senza Frontiere | Italy | June-August 2011 and 2012**

- Managed 11-14 student classrooms at 3 week-long camps. Lead supervisor at one with 5 classes.
- Acted on issues of students and instructors alike, aiming to substitute concern with entertainment

## **Tutor | Sylvan Learning Center & Grade Potential Tutoring | CA | September 2010-April 2011**

- Received extensive training on teaching techniques and group management
- Coordinated group lessons of three students, managing varying guided practice and group lessons
- Practiced various teaching techniques to appeal to Auditory, Visual, and Haptic learning styles

## **Green Guide Chief Editor | Environmental Affairs Board at UCSB | Isla Vista, CA | 2006- 2008**

- Envisioned and led a five-person team to create a localized environmental awareness guide
- Interviewed local restaurants, researched facts, and edited writing and design elements

## **Solar Boat Team Leader | Adolfo Camarillo High School | Oct 2005 - Jun 2006**

- Founded my high school's first Solar Boat club; completed in 5<sup>th</sup> place out of 25 teams
- Oversaw peer teams of mechanics, woodworkers, metalworkers, and electricians
- Researched components, designed circuits and diagramed electrical and system schematics

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## **RELEVANT SKILLS ACQUIRED (as described above)**

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**Leadership:** Representing others. Setting and reaching goals. Accepting responsibility. Public speaking.

**Organizational and Design:** Agile DevOps. Responsive design techniques. Adobe Photoshop. Adobe Illustrator. Planning and managing events. Writing concisely. Classroom management.

**Science and Programming:** Ruby. Rails. HTML5. HAML. CSS3 and SASS. JS and jQuery. Bootstrap. Git. PHP. Python. Wordpress. *From University:* C++. Matlab. Digital signal processing. Computer vision.

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## **PROFESSIONAL REFERENCES**

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**Michael Pollack** | Sr. Electrical Engineer | Inogen Inc. | mpollack@inogen.net | 1.805.451.4087

**Christina Niknejad** | Director | Lingue Senza Frontiere | info@linguesenzafrontiere.org | +39.0184.533.661

**Jake Dixon** | Manager | Grade Potential Tutoring | jdixon@gradepotential.com | 1.805.965.1500

**Jeff Breslaw** | Director of Edu. | Sylvan Learning Center | sylvanwestlake@yahoo.com | 1.805.479.3216