

**JESSE D. LEGG**  
11 Pearson Ave.  
Somerville, MA 02144  
(617) 406-9754 • [jesse@jesselegg.com](mailto:jesse@jesselegg.com)

---

## TECHNICAL SKILLS

---

- Dedicated to embracing and quickly learning new technology and software engineering practices
- Fluent in: Python, Javascript, UNIX shell, Java, PHP
- A bit rusty, but knowledgeable of: OCaml, C, Lisp
- Excited to learn: Erlang, Scala, or Clojure
- Extensive experience developing for MySQL, SQLite, and Microsoft SQL databases
- Built, configured, and maintained Linux servers running Debian, Ubuntu, Slackware
- Designed and managed multiple server deployments in the Amazon cloud (EC2, EBS, S3)
- Understanding of Internet and web security best-practices

---

## EXPERIENCE

---

### **Quotd, Inc.**

*Lead Software Developer*

**Cambridge, MA**

*Nov 2007–Present*

- Co-created software applications behind [quotd.com](http://quotd.com), a news and opinion aggregation startup
- Wrote majority of Python & Django application modules and even larger share of front-end Javascript
- Applied semantic and collective intelligence techniques to organize large sets of unstructured data
- Built automated video processing system in ffmpeg to aggregate and remix video
- Interfaced with multiple web-service APIs, including Twitter and the OpenCalais semantic toolkit
- Documented and released internal tools as open-source projects (djangocalais)
- Powered entire site with Debian/Apache/MySQL on Amazon EC2 instances

### **Self-Employed**

*Freelance Software Developer*

**Somerville, MA**

*Apr 2007–Present*

- Provided web development and design services to small businesses
- Designed and implemented ecommerce application for [medical supply company](#) using Python/Django
- Integrated payment and order processing using Google Checkout XML API
- Created basic HTML/CSS template designs

### **PricewaterhouseCoopers LLP**

*US IT Field Services Coordinator*

**Boston, MA**

*Dec 2003–Mar 2008*

- Responsible for technology needs of ≈2,500 staff in Boston practice office
- Performed user-acceptance testing for in-house application deployments
- Maintained and supported local office servers, network, Wi-Fi, and telecom equipment
- Wrote LotusScript and debugged Lotus Notes applications and databases
- Lead and presented multiple training sessions to entire Boston technology team

## **The College of Wooster Libraries**

*Web Developer*

Wooster, OH

*Mar 2001–May 2003*

- Worked with librarian staff to overhaul library website, including redesign of all HTML/CSS
- Implemented enhanced interface to library catalog to allow searching and automated launching of software resources
- Wrote automated launcher application using XML-RPC libraries for PHP and Python
- Built search-engine tool in PHP/SQL Server to index  $\approx 1,000$  Government-issued software and data CD/DVDs
- Presented & demonstrated tools at meetings of all library personnel and leadership
- Lead department to be first on campus using a database-driven website
- Launched first library blogs and trained library staff on appropriate and effective usage

---

## **EDUCATION**

---

### **The College of Wooster**

*Bachelor of Arts, Computer Science*

Wooster, OH

*May 2003*

- Independent study thesis: “Artificial Life: Microanalytic simulation of evolution in a virtual environment” ([link](#))
- Built companion genetic algorithm tools in Objective CAML with visualization tool in Java ([demonstration link](#))

---

## **SKILLS & ACCOMPLISHMENTS**

---

- Author of upcoming technical book **Ecommerce in Django**, to be published by Packt Publishing in early 2010
- Creator of **django-syncr**, a popular open-source Django module (available on [Google Code](#))
- Creator of **jangocalais**, a reusable Django interface to the OpenCalais API (available on [Google Code](#))
- Represented my school at the 2003 **ACM International Collegiate Programming Competition**
- DJ and director of promotional and public-service announcements at WCWS 90.9FM (college radio)

References available upon request.