

RYAN PETRELLO

(678)877-6754

ryan@ryanpetrello.com

PROFILE

A nimble technologist who specializes in great user experiences, dynamic languages, and web application development. Experienced in the implementation, deployment, and maintenance of online software in an agile environment.

EXPERIENCE

Lead Developer

ShootQ, Inc

Atlanta, GA

Dec 2009 – Present

Designed, implemented, and maintained ShootQ, an online business management service for professional photographers. Balanced the roles of developer, system/database administrator, and quality assurance specialist to guarantee consistent product quality and high availability.

Software Engineer

ShootQ, Inc

Atlanta, GA

Dec 2007 – Dec 2009

Played a pivotal role in the design and development of ShootQ and the management of ShootQ's production architecture, including the implementation of monitoring systems to ensure high availability, deployment scripts, and resolving defects. Assisted in the maintenance, defect resolution, and data migration of previous versions of ShootQ. Integrated with third-party solutions to provide our customers with critical business tools such as credit card processing, social networking integration, and online customer support.

Software Development Intern

Optio Software

Alpharetta, GA

May – Aug 2007

Played a valuable and active role in the development of a new product, Optio MedEx, while gaining experience working with the Python web application framework, Turbogears, and the Python database ORM layer, SQLAlchemy. Carried out the roles of an analyst/DBA, analyzing query performance and adjusting database and application architecture to enhance performance.

Computer Science Teaching Assistant

University of West Georgia

Carrollton, GA

Spring – Fall 2007

Aided various department instructors during weekly hands-on workshop sessions and tutorials. Tutored in the Computer Science department's "CSXperience Lab", helping students to understand and review concepts and assignments discussed in class.

Media Specialist

Palmetto Baptist Church

Palmetto, GA

Sept 2005 - May 2008

Worked as a technology/media specialist, performing routine computer repair, maintenance, and consultation on technology purchases such as office equipment, web services, and computers. Led the development of several websites and dynamic applications including Palmetto Baptist Church's main website, a youth group website, and a website for a building relocation capital campaign. Developed and maintained an electronic newsletter application.

Independent Contractor

Oct 2004 - Present

Contractor/Consultant

I work as an independent contractor developing software and websites for businesses and individuals. My list of clients and the impressive products I've created for them continues to grow steadily and can be viewed in more detail at my online portfolio website, www.ryanpetrello.com.

EDUCATION

University of West Georgia

Carrollton, GA

Bachelor of Science, Computer Science, cum laude

Sept 2004 - Dec 2007

- Graduated with a cumulative GPA of 3.77
- Awarded the *James Emory Boyd Award* for outstanding academic performance in Computer Science

ACTIVITIES

- *Officer* (Treasurer), Association for Computing Machines, Student Chapter, Fall 2007
- *Member*, Association for Computing Machines, Student Chapter, Fall 2006 – Spring 2007
- *Member*, Upsilon Pi Epsilon – International Honor Society for the Computing Disciplines