

Education

Case Western Reserve University - Cleveland, OH
BS in Computer Science – Junior
Minor in Psychology
GPA: 3.3

Technical Skills

Software:

- Photoshop CS6
- Premiere Pro CS6
- Microsoft Office
- Eclipse IDE

Programming Languages:

- Java
- Ruby (on Rails)
- MUMPS (M)
- SQL
- Javascript/ JQuery
- C
- HTML/ CSS3
- MIPS

Other:

- Proficiency with developing in Windows, OS X, and Linux environments
- Experience with Git-based version control
- Code examples available at www.github.com/DSegal92

Related Experience

John's Hopkins IT – EPIC Group Intern (2011)

- Wrote and incorporated MUMPS routines into hospital production system
- Coordinated with hospital staff to add doctor privileges to clinics
- Resolved errors and tested integrity of hospital databases

Vigilant Medical – Web Development Intern (2012)

- Developed, and deployed internal tools using Ruby on Rails
- Assisted in debugging and maintaining forward-facing website
- Worked closely with a small team to rapidly conceptualize/ prototype new projects

Case Cycling Club – Webmaster (2012 – Current) – www.casecycling.com

- Designed and created a new dynamic website using Rails
- Implemented Google Analytics and SEO tools to ensure website availability/ efficiency

Other Experience

Portrait Photographer – (2011 – Current)

Theater Videographer – (2011 – Current)

Case Western Marching Spartans Historian – (2011-2012)

Research

Internet Video Sharing for Health (2012)

Recorded and edited videos of patients in an obesity management program as part of a study on weight management for diabetics, supported by MetroHealth and Case Western.

Selected Courses

- Software Craftmanship
- Theoretical Computer Science
- Introduction to Cryptology
- Algorithms and Data Structures
- Computer Architecture
- Computational Organization and Logic Design

Interests

Photography/Videography - Cycling - Film - Design