

Web Education

Breakthroughs and Road Blocks





Montgomery College

Rockville, Maryland





I enjoy drinking beer.

Web Education

Breakthroughs and Road Blocks

You don't exist

The Occupational Outlook Handbook

<http://www.bls.gov/oco/>

Occupational Outlook Handbook, 2008-09 Edition

FONT SIZE: PRINT:

OOH HOME

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- >> Wildlife officers see: Police and detectives

Interaction Designer

Evangelist

Front-end Developer

Strategist

Junior Web Designer

Interaction Director

Senior Web Developer

Copy Editor

User Experience Designer

Web Producer

Multimedia Designer

Senior Web Designer

Junior Web Developer

Creative Director

Web Illustrator

Web Writer

Script Writer

Freelancer

15 years old

Education



Industry

Education != Industry

Software Specific

MS Frontpage

<i>

Obtrusive Javascript

<table>

Obtrusive Flash

<marquee>

No Doctype

<blink>

Mixing Content & Presentation

My Presentation



You are here

x



The Solution

X



X



X



Breakthroughs

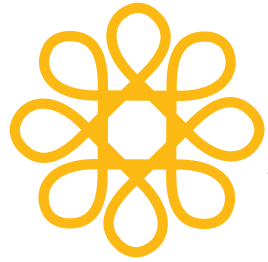
We are very concerned that even after all of the evangelism of the last decade,

the rate of web standards adoption is still pretty poor, and we think education is one of the main issues.

- Chris Mills

The Web Standards Project (WaSP) announces a living curriculum to help schools, colleges and universities

**bridge the gap between educators
and industry best practices.**



WaSP

INTERact

connecting education and industry

Foundations	Front-End Dev	Design	User Science	Server-Side Dev	Professional Practice
WI-F100 Internet Fundamentals	WI-FED100 Web Design 1	WI-D100 Digital Design Production	WI-US200 Information Architecture 1	WI-SSD100 Server-Side Scripting 1	WI-PP100 Professional Presentations
WI-F200 Writing for the Web	WI-FED110 Web Design 2	WI-D200 Principles of Visual Design 1	WI-US210 Information Architecture 2	WI-SSD110 Server-Side Scripting 2	WI-PP200 Internship
	WI-FED130 Accessibility	WI-D300 Interactive Animation	WI-US300 Interaction Design 1	WI-SSD200 Performance Optimization	WI-PP220 Project Management
	WI-FED120 Web Design 3		WI-US310 Interaction Design 2		WI-PP210 Independent Study
	WI-FED140 Web Standards Design With Dreamweaver		WI-US320 Form Design		WI-PP300 Professional Development
	WI-FED200 DOM Scripting 1		WI-US330 Prototyping		WI-PP400 Ethics and Regulations
	WI-FED205 DOM Scripting for Designers		WI-US400 Usability 1		
	WI-FED210 DOM Scripting 2		WI-US410 Usability 2		
	WI-FED220 DOM Scripting 3		WI-US500 Production Team		
	WI-FED300 Findability				
	WI-FED400 Development for Mobile Devices				

<http://interact.webstandards.org>

Each course has

- Course Description
- Suggested Prereqs
- Recommended Textbooks
- Recommended Readings
- Required Technologies
- Competencies
- Assignments w/ Grading Rubrics
- Exam Questions
- Resources

We want you to add to it

<http://interact.webstandards.org/contribute/>



My Classroom



A 4 year program

Year 1

Website Development

HTML

CSS

Digital Design Production

Intro to Flash

A 4 year program

Year 2

Advanced Web Tools & Digital Media

Advance Digital Design

Javascript

PHP

MySQL

XML

CMS

Ethics

The Process

A 4 year program

Year 3

Database Administration

Oracle

MySQL

PHP

A 4 year program

Year 4

Paid Internship

Onsite, paid learning experience

- attended FOWD 2008 in NY
- Weekly Guest Speakers
- National / State / Local Contests

LuAnne Bell
Jackson Wilkinson
Martin Ringlein
Alex Giron
Dan Drinkard
Doris Steere
Ali Felski
Paul Boag
Samantha Warren
John F. Croston III

Zac Gordon
Tom Osborne
Cameron Moll
Patrick Haney
Addison Berry
Chris Avore
Trevor Davis
Chris Coyier
Aarron Walter
Elliot Jay Stocks
Derek Featherstone

Brian Williams
Andy Rankin
Jason Garber
Dan Cederholm
Richard Worth
Greg Lavallee
Nick Fogler
Jason Leveille
Doug March
Owen Shifflet

Prepare Students for the Work Force

**This is happening in
two places**

Damascus HS & Springbrook HS

**Not Breakthroughs
but Great Things**



<http://whatisawebugator.com>

Webucator Rally

Summer 2010



Road Blocks

Tenured Staff

Tenured Staff

whom are hesitant to commit to change

Speak Clearly

Need Support not Direction

Threatened Professionals

Only if you plan to be
in an entry level
position for the next
5 to 10 years.

Teaching in Higher
Ed requires a
Masters Degree

Speak with the Faculty

Share your skills

Share the lack of ed opportunities

Share other schools programs

Approaching Schools

**ALL
YOUR BASE
ARE BELONG
TO US**

ALL
YOUR BASE
ARE BELONG
TO US

What can you do?

Communicate

Sponsor

Guest Lecture

Connect

Meet my Community

Jason Leveille

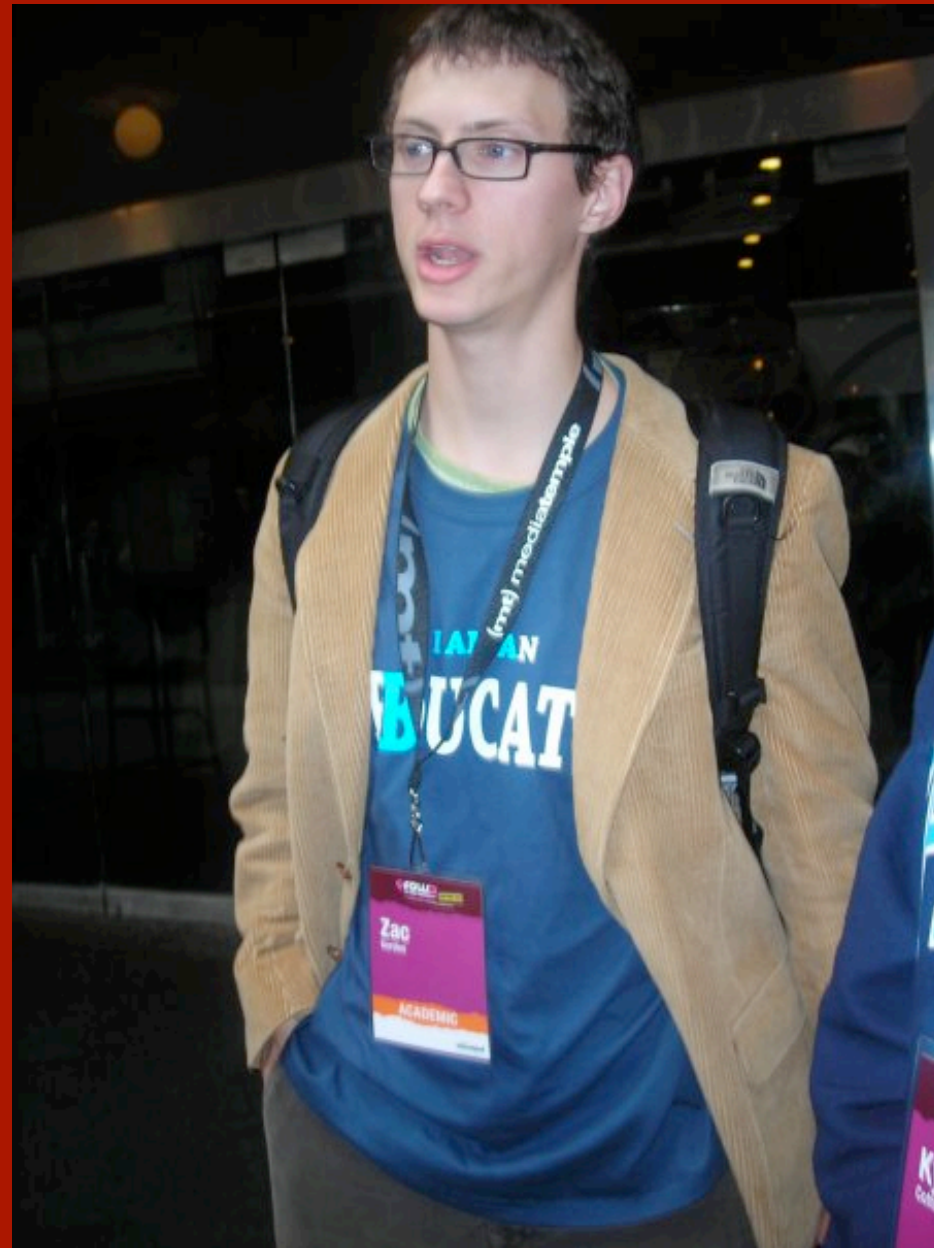
Former HS Teacher, Web Developer
@jleveille



Zac Gordon

Web Teacher at Springbrook HS

@zgordon



Melissa Lizmi

Web Careers Coordinator at Montgomery College
(Rockville Campus)



High School Students

Montgomery College Students

Get Involved

Jeffrey Brown

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@mrjbrown