

CASSIDY PANGELL

aspiring artistic computer nerd

A: 1609 Spy Run Ave Apt 4 Fort Wayne, IN 46805

E: casspangell@gmail.com

W: www.zeroeightysix.com

T: (720) 261-8343

EDUCATION

Colorado School of Mines

BS Mathematical and
Computer Sciences

HONORS

SWE Dorothy Lemke Howarth Memorial
Scholarship

National Free Flight Society Scholarship
Athletic Academic Bronze Award

2x National Record Holder –
Academy of Model Aeronautics

MY PERSONALITY

I'm a LEGO builder, sushi eater, adventurer,
martial arts practitioner, neon shoes wearer,
retro sunglass sporter, soccer player,
condiment hater, skateboard fiddler,
quick learner, outside the box thinker,
guitar sorta knower, noisy trumpeter,
movie goer, music listener, artistic tinkerer,
wanderer, odd sound maker..

Oh... I really like making things on computers,
taking apart objects to see how they
work, and learning new ... "everything".

EXPERIENCE

Active Secret Clearance – R6sigma specialist



Jan 2010 - Aug 2010

Raytheon Company – Training Engineer: Software Engineer / Flash Developer

Brigade Combat Team Modernization (BCTM) - Battle Command Mission Execution (BCME)

- Implemented design of interactive multimedia instruction (IMI) using Flash
- Built software GUI interaction for online based instruction lessons
- Developed lesson question template to allow expedited development of lesson tests

May 2009 - Aug 2009

Raytheon Company – Infrastructure: Software Engineering Intern

Future Combat Systems (FCS) - Battle Command Mission Execution (BCME)

- Used the Klocwork static code analysis tool to improve code quality for both Java and C++
- Developed a SOSCOE timer failsafe using Java and C++

May 2008 - Aug 2008

Colorado Mines Field Session – Animatronic/3D Animation Lead

- Created an animatronic with a small budget for the use in school classrooms
- Lead of Animatronic design, construction, 3D Solidworks drawings, web page, Power-Point tutorials, instructional video, final written report and presentation.

May 2007 - Aug 2007

Sky Research Inc. – Field Technician

- Supported a Digital Mapping project by performing DGM surveys using a 3 coil EM61 towed array with GPS reacquisition of target locations for UXO remediation.
- HAZWOPER certified 2007

Jan 2007 - Dec 2007

Colorado Mines Engineering Design Team – Transportation Subgroup Lead

- Team of 12, lead 4; responsible for 3D Solidworks drawings for all teams, formal written documents of the designs of lunar rover and formal presentation to client (NASA, JPL, JAXA).

Web Design/Development/Flash Tinkerings and Neato Stuff

View at www.zeroeightysix.com

SKILLS

4.5 Years of Japanese

Software: (Linux/Win/Mac)

Photoshop

Flash

Dreamweaver

Premiere

Illustrator

Solidworks

Visual Studio

Eclipse

3dsStudioMax (learning)

Languages:

(Always improving)

Java (4 years)

C++ (4 years)

Actionscript 2.0 (3 years)

Actionscript 3.0 (learning)

Familiar With:

Javascript, BASH, CSS, XML

PHP, Ruby on Rails, AJAX, XAMPP

JSON

Additional Skills:

Confident in a Group Setting,

No Fear of Asking Questions,

Quick Grasp of New Concepts,

Adaptable, and a Self Learner.