

# DAVID WINDHORST

2873 West 11<sup>th</sup> Ave. Vancouver, BC V6K2M2  
(US) 724-877-7071 (CA) 604-365-7732 [windhorstdp1@davewindhorst.com](mailto:windhorstdp1@davewindhorst.com)

VFX Artist: Specializing in Compositing, BG Plate Prep, and Matchmoving

-Able to work in USA and Canada (Post Graduate Work Permit for CA).

-Current Demo Reel: <http://www.vimeo.com/davewindhorst/demoreel2012>

**OBJECTIVE:** Wanting to learn, contribute, and grow with the VFX industry with a focus in compositing, BG plate prep, and matchmoving.

**SOFTWARE KNOWN:** Nuke, Maya, Photoshop, 3ds MAX, After Effects, Matchmover, PFTrack, Syntheyes, Boujou, Digital Domain's TRACK 6 (Beginner), ProEngineer, Solidworks, Inventor, AutoCAD, Matlab, Mathematica, Microsoft Office (Excel, Word, PowerPoint, and Access), Microsoft Windows OS, Linux (Beginner)

**SCRIPTING EXP. (INTERMEDIATE):** Python, MEL, PHP, MySQL, HTML, CSS, Matlab, Mathematica, TCL

## WORK EXPERIENCE:

May '10 – Aug '10

### **Ellwood Crankshaft and Machine Co.**

#### **Mechanical Engineer / Design (Intern)**

Made new and modified designs for floor machines (Used Solidworks, Matlab, Excel, and Access). Redesigned parts for repairs and modifications. Also helped begin establishing of database setup and structure for inventory of parts (collaborator between floor workers and IT).

Aug '08 – May '11

### **ASHRAE: Chapter 24: Pittsburgh/Grove City College Bands/GCC Ref. Database Sites Webmaster**

Maintaining and updating ASHRAE Pittsburgh Chapter and Grove City College Bands website ([pittsburgh.ashraechapters.org/](http://pittsburgh.ashraechapters.org/))/([www2.gcc.edu/band](http://www2.gcc.edu/band)). Specific skills include: html coding, website bandwidth and browser management, site design and pr announcements, and picture touch-ups. Created website designs for various campus departments (including specific class reference database site). Also created Beta Database for website and IT sales pitch for future development and funding. Used HTML, JavaScript, PHP, and MySQL for designs.

May '08 – Aug '08

### **Moore's & Moore's Hardware**

#### **Retail & Stock**

Sorting, clerk, lifting, packing, etc. Problem solved customer wants on daily basis, and provided hands-on instruction for product and workflow needs.

## EDUCATION:

Aug '12 – Aug '12

### **Digital Domain (Vancouver) Integration/Tracking Workshop 3 Day Training/Evaluation Program**

Selected to learn Digital Domain (Vancouver) proprietary software (TRACK 6) and company pipeline specific details for integration/tracking purposes. Included production simulation in the form of test shots to be tracked and evaluated. Training also provided an experience working in a Linux environment.

# DAVID WINDHORST

2873 West 11<sup>th</sup> Ave. Vancouver, BC V6K2M2

(US) 724-877-7071 (CA) 604-365-7732 [windhorstdp1@davewindhorst.com](mailto:windhorstdp1@davewindhorst.com)

June '11 – June '12 **Vancouver Film School, Vancouver, BC** GPA: 92.25/100.00  
**Graduate of 3D Animation and Visual Effects Program**  
- Class Rep of 3D93, Diploma with Honors  
Worked on Visual Effects Demo Reel under supervised deadlines and benchmarks/baselines. Shared knowledge and learned with peers and mentors on production topics. As class rep, provided communication support between students and admin staff - concerns, suggestions, and comments.

Aug '07 – May '11 **Grove City College, Grove City, PA** GPA: 3.05/4.00  
**Bachelors of Science in Mechanical Engineering Major/ Math Minor**  
- HVAC Team Senior Project/Design (Team position was Pipeline/Software correspondent with Autodesk – established pipeline for project using Revit Architecture, Revit MEP, and 3ds MAX as well as train team members in the use of the software/pipeline).  
- FE Mechanical Engineer Exam Certified (Passed PA Exam in April '11)  
- HPVC – Human Power Vehicle Competition '08-'09– (CAD Designer)  
- ASHRAE – (Webmaster – Chapter 24: Pittsburgh site) (Current working)  
- Order of St. George  
- ACM SIGGRAPH– Association for Computing Machinery,  
- Marching/Concert Band (Trumpet)

Aug '01 – June '07 **Lincoln Jr./Sr. High School, Ellwood City, PA** GPA: 4.0/4.0 (w/AP credit): 4.735/4.0  
**Graduate (Valedictorian)**  
- NHS – National Honor Society member  
- NSHSS – National Scholarship for High School Students member  
- Marching/Concert/Jazz/Pep Band – (Trumpet, Webmaster, Operations Manager)  
- German Club (Historian)  
- Multiple Perfect Attendance Awards  
- Mathematics Department Award

**HONORS/AWARDS:**  
**(OTHER)**  
- Boy Scouts (Eagle Scout Award)  
- Boy Scouts (various leadership positions: Senior Patrol Leader, Junior Assistant Scoutmaster, Patrol Leader, Quartermaster, Bugler)  
- Boy Scouts (Order of the Arrow member – Brotherhood level)

**IINTERESTS:**  
- Enjoy watching and learning about the history of movie making and equipment  
- Enjoy camping, hiking, archery with scouts  
- Playing the trumpet for various occasions  
- Building things and taking them apart to see how they work (i.e. Legos, computers)

**REFERENCES:** Available upon request.