

CURRICULUM VITAE

DANIEL V. NOVATNAK

University of Central Florida
School of Visual Arts & Design
12461 Research Parkway, Suite 500
Orlando, FL 32826-3241
Telephone: 407-823-1735
Email: dan.novatnak@ucf.edu

EDUCATION:

University of Central Florida, Orlando, FL
School of Film and Digital Media

M.A. Film and Digital Media (2008)

Concentration: Visual Language and Interactive Systems

Advisor: Dr. José Maunez-Cuadra

University of Central Florida, Orlando, FL
B.A. Psychology (1990)

INSTRUCTIONAL EXPERIENCE:

University of Central Florida, Orlando, FL

Visiting Instructor, 2008-present; Teaching Assistant, Spring 2008; Lab Instructor, Summer 2008; Co-instructor, 2005

- Developed and implemented interactive design, web design and development, game design and production courses.
- Provided numerous lectures on interactive and web design and development, animation, and game design and production.
- Planned and implemented special university events with coordination with the support officials and community representatives.
- Certified to teach course within the university Webcourses system (2010)
- Acted as a member of the following committees:
 - (2008-present) Technical steering committee
 - (2009-present) Digital Media curriculum subcommittee on game design and development
 - (2008, 2010, 2011) Faculty and staff search committees as certified interviewer.
 - (2009-present) College of Arts & Humanities Technical Liaison
 - (2009-10) SVAD Space Evaluation Task Force (space considered: IST)

Courses Instructed:

DIG2500c: Fundamentals of Interactive Design (2008-2011)

DIG3480c: Computers as Medium (2008, 2010, 2011)

DIG3134: Media Software Design (2009-2010)

DIG3563: Information Management & Entrepreneurship (2010)

DIG3716c: Internet Interaction (2008-2011)

DIG3906: Independent Study (2010)

DIG4530c: Media for e-Commerce (2011)

DIG4715c: Game Production (2009)

Courses Assisted:

DIG2109c: Digital Imaging Fundamentals (2010)
DIG3716c: Internet Interaction (2005)
DIG4715c: Game Production (2008)

ITT Technical Institute, Lake Mary, FL

Adjunct Professor, 2003-2004

- Presented and revised course curriculum
- Delivered twelve, five hour, lectures in a lab environment for each course
- Technical education program resulting in students receiving Associate's of Science Degree.

Courses Instructed:

IT310: Multimedia Video and Audio (2003)
IT204: Scripting and Web Authoring I (2004)

Rollins College, Winter Park, FL

Adjunct Professor, 1999-2000

- Adjunct faculty in the Computer Science department, instructed semester long elective courses.
- Developed and presented lectures, selected textbooks, developed tutorials, and instructed students within the lab environment.
- Developed project requirements and testing materials meeting or exceeding the requirements of the accreditation of the four-year institution.

Courses Instructed:

CMS 147: Multimedia Programming and Design (2000)
CMS 157: Web Site Construction / Design (1999)

Full Sail University (as Full Sail Real World Education), Winter Park, FL

Course Director, 1997-2002

- Developed, presented, and revised course curriculum in interactive media design and web design & development within a 14 month rapid education program resulting in students receiving Associate's Degree of Science in Digital Media.
- Designed, developed, proposed, and integrated curriculums for both the Game Design and Animation programs in association with the program director and other faculty.
- Managed Associate Course Director and Lab Instructors work schedule and training. Interacted with students in four hour lectures 3 to 8 times per week, developed and graded tests, and defined student project requirements.
- Knowledge bases covered in course: Director, Project Design, Interactive Design, Interface Design, Usability Studies, Time Management, Feasibility Studies, Case Studies, Data Flow, Flow Charting, Storyboarding, Project Management, HTML, CSS, Flash, Dreamweaver, Shockwave, Cold Fusion, JavaScript, RealMedia Server, Apache/Web Server Configuration, PHP, SQL/MySQL.
- As a representative of Full Sail, I also lectured to private groups on several related topics as an expert.

Courses Instructed:

Computers in Digital Media (1997-2000)
Fundamentals of Web Design (2000-2002)
Advanced Web Design (2000-2002)

RELATED EXPERIENCE:***University of Central Florida, Department of Digital Media, Orlando, FL***

Coordinator of Computer Applications (2005-2008)

Duties:

Reporting directly to the Chair of the Department as the Coordinator of Computer applications is responsible for all computer systems including faculty and staff computers, departmental computer labs and data center spanning two campuses. In an expanded role assist the Chair in the direction and development of policies and procedures, program direction, and curriculum development. Required to manage and maintain confidential data in accordance to state and federal guidelines. In 2007 was responsible for the proposal and institution of departmental technology fee, totaling \$62,000 per semester and scheduled for initial collection Fall 2008, and the budgeting of that collected fee for expansion and maintenance of teaching labs. Duties also include: generation of technical specifications, configuring, ordering, assembling, and installing hardware and software in support of education activities. Configuration, installation and maintenance Apache, MySQL, postfix servers, maintenance of technical web pages and mailing lists, maintenance and enhancement of file servers, groupware, and share point, Liaison with campus computing and networking groups.

FAIRWINDS Credit Union

Systems Administrator (2004-2005)

Duties:

Administered an advanced, distributed computer datacenter and supported Credit Union operations in 24 locations located throughout the Central Florida region. Managed daily system operations in accordance with Credit Union policies. Performed needs analysis, system performance evaluations, and ongoing quality assurance. Coordinated installation, maintenance, training, and end user support. Served as a liaison and technology advocate for all end-user departments. Researched, evaluated, purchased, installed, configured, and troubleshot all hardware, peripherals, and equipment necessary to meet integrated systems objectives while adhering to budgetary controls and limitations. Planned and coordinated system utilization, design, and performed growth analysis and capacity planning. Supervised work of a designated staff of five effectively delegating duties, and managed area quality control effort to ensure optimal system availability and quality of maintenance service within designated service level agreements. Also responsible for: planning purchase, and institution of Blackberry devices for the Executive level and technical staff and the BES integration and management.

Robert Half Technologies, Orlando FL

Senior Consultant (2003)

Duties:

Contract consultant to companies that were in need of assistance within various technical fields. Worked with clients to prepare technology demonstrations, trained staff members in software packages, developed promotional CD-ROMs, and oversaw compliance of software and training systems to US Section 508 and SCORM LMS guidelines.

Tomorrow's Hope, Orlando, FL

Systems Administrator / Network Administrator (2002-2003)

Duties:

Tomorrow's Hope is an organization with the primary goal of educating, enriching, and providing guidance to children ages five and up. An after care program for local elementary school students is also available. The nonprofit 501(c) school is eligible to accept the McKay scholarship offered to special students with ADD/ADHD, autism, and specific learning disabilities. Any child enrolled in a Florida public school for at least a year and has an Individual Education Plan (IEP) is eligible to receive the scholarship. Responsible for the design, development, deployment, integration, and maintenance of 32 Windows 9x/2000/NT/XP computer systems, in three buildings, into single 100base-T network. User systems are connected to a Debian Linux server for firewalled Internet access and unified workgroup logins utilizing Samba for shared access to printers and secure disk storage. Also initiated the usage of Virtual-CD to minimize the usage of CD-ROM media that was frequently being damaged by the students.

Think Ink and Design Company, Orlando, FL

Creative Director / Lead Developer (1992-1997)

Duties:

Think ink and Design was a graphic Design, advertising, and DTP company. It offered full-service concept to press development of customer materials. In 1993 the company evolved into an Internet publishing and hosting company. Credited as one of the first web development companies in Orlando to exclusively offer Web Site Design Services. Developer of the "Top Ten Search Engine" in 1994, 1995, and 1996 with the Pagehaus Search Engine.

PRESENTATIONS:

- Underberg, N., Novatnak, D. & Santana, M. (2011) Social media as a new tool for research. *Presentation to the University of Costa Rica and Kansas State University* (via videoconference). International presentation.
- McDaniel, R. & Novatnak, D. (2007). Education for Media Experts: Examining Curriculum Issues in Digital Media. *Presentation to the First Annual BarCamp Gathering* in Orlando, FL. September 23, 2007. Regional event.
- Novatnak, D. (2007). Managing Fidelity when Worlds Collide. Paper presented at the *World Building: Space and Community Game Studies Group Conference* at the University of Florida in Gainesville, FL. March 1-2, 2007. National conference.
- Novatnak, D. (2006). Present and Future Applications of Podcasting. Paper presented at the *Shifting Paradigms, Reshaping "Reality": Dynamic Media Past, Present and Future: SFDM Fall 2006 Graduate Colloquium* at the University of Central Florida in Orlando, FL. November 30, 2006. In-house conference.

CREATIVE PERFORMANCES:

- Novatnak, D. (2007). *The Mask is Not Part of the Costume*. Writer, producer and director of a live interactive performance in a virtual world Second Life. November 27, 2007.
- Novatnak, D (2005). [Podcast] One Man Revolution. Writer, producer, technical coordinator, publisher, and talent. 2005-2007

AWARDS AND HONORS:

- 2004, Service Award for Disaster Recovery, FAIRWINDS Credit Union.
- 1997 Outstanding Educator, Full Sail Real World Education.

SKILLS AND QUALIFICATIONS:

CERTIFICATIONS

- IDL6543 CDL Teaching Online (2010)
- Certified Interviewer [UCF] (2006)
- Microsoft Project Certified (2004)
- Alias WaveFront Maya: Level 1 (1999)

EDUCATIONAL MANAGEMENT

- Curriculum Development
- Project management
- Grading / Recordkeeping
- Standards Development
- Technical Writing

PC / NETWORK TECHNOLOGY

- Windows OS (9x, NT, 2000, XP, Vista, 7, Server 2000, 2003, 2008)
- MacOS /MacOS X 10.5, 10.6
- Unix/Linux installation and configuration (Debian, Ubuntu, Mandrake, VMS)
- FTP server installation and configuration
- Mail server installation and configuration
- Networking / Cabling
- Cisco Router and Switch Configuration
- Veritas Backup solutions

GAME DESIGN, PRODUCTION, AND DEVELOPMENT

- RPG Development (Paper & Pencil Development)
- Level design
- Autodesk Maya (Modeling & Animation)
- Torque Game Builder and Engine
- Unreal Engine 2,3
- Id Quake, Quake II, Quake III Engine
- Unity Game Development Tool
- Flash (Casual Games)

MANAGEMENT INFORMATION SYSTEMS

- Microsoft Office Suite (Access, Excel, FrontPage, Outlook, PowerPoint, Word, Project)
- Novell GroupWise

WEB DEVELOPMENT

- HTML 4 & 5, XHTML, CSS2 & 3, DOM
- JavaScript
- PHP4, PHP5
- Apple iOS (Objective C, Xcode)
- Database Management Systems (MS SQL, MySQL, Oracle) XML
- Adobe Flash
 - Flash Animation
 - ActionScript 2, 3
- Web Server Configuration (IIS, Apache)
- Macromedia Cold Fusion
- ASP, ASP.NET, VBScript, .NET
- PERL, CGI

MULTIMEDIA DEVELOPMENT

- Apple Final Cut Studio (Final Cut, Sound Track Pro, Motion, Live Type, Compressor, DVD Studio Pro)
- Processing 5
- Adobe Creative Suite 4, 5 (Illustrator, Photoshop, After Effects, Flash, Dreamweaver)
- Adobe Premiere
- Adobe Streamline
- Adobe Director
- Macromedia Authorware

PROFESSIONAL AFFILIATIONS:

- BarCamp (2007)
- Specialty Equipment Manufacturer's Association (2003 – Present)
- Broadcast Educator's Association (2000-2002)
- National Broadcaster's Association (1998-2001)
- ACM SIGGRAPH (1994, 1997-1998)