

John Kevin Breen

PO Box 310 • Rochester, New Hampshire 03866 • (603) 516-4560

Professional Experience

McNally & Associates Accident Reconstruction Services, LLC 3/2004 to Present

Senior Animator

Prepares forensic animations utilizing Discreet 3D Studio MAX. Oversees physical scene collection as it relates to the completion of a forensic animation. Inputs data from fieldwork, provided reports, photographs and other sources. Positions vehicles and other objects to recreate time-based events. Produces DVD, videotape, and digital files of animations as well as large-format color prints of still frames for use in litigation.

CAD Technician

Creates scaled scene diagrams from forensic data collected at accidents scenes utilizing AutoCAD LT. Positions vehicles, skid marks, and other measurements provided by law enforcement agencies on plans. Prepares large-scale prints depicting vehicles, roadways, and physical evidence for use in data analysis and courtroom presentations.

Field Data Technician

Operates total station instrument and electronic data collector to gather roadway geometry and scene evidence. Assists in photographic and hand-measured data collection.

Network/Website Administrator

Installs and configures most software and hardware on premises. Customizes and trains associates in use of software and hardware products. Designs and maintains company presence on the Internet.

Granite State Graphics

6/1999 to 2013

Proprietor

Oversaw daily operations of company including customer relations, product promotion, and other business-related decisions. Created forensic animations from collected field data, written reports, photographs, video and other sources. Produced large-scale images for use in litigation. Performed still image and non-linear video editing.

McNally & Associates

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Professional Experience - continued

Northeast Collision Analysis, Inc.
Rochester, New Hampshire

1/1995 to 3/2004

Senior Animator

Created forensic animations from collected field data, written reports, photographs, video and other sources. Produced large-scale images for use in litigation.

CAD Technician

Collected field data relating to accident scene geometry and roadway evidence. Created scaled diagrams for internal and litigation use.

Software/Hardware Support

Installed and trained associates in a wide variety of hardware and software on the PC platform. Maintained peer-to-peer network and company website.

PC Doctor/Vertronics, Inc.
North Hampton, New Hampshire

6/1992 to 1/1995

Sales Representative

Dealt directly with customers in analyzing their personal computer needs. Communicated directly with software and hardware vendors in addressing customer concerns and questions. Provided written quotes, warranty information, and other correspondence to potential customers.

Personal Computer Technician

Performed a wide variety of hardware services including repair and maintenance of PC's, monitors, printers (including laser, inkjet, and dot matrix), and network components. Repaired and diagnosed internal components including motherboards, RAM, hard drives, and controller boards. Assembled computers from component (board) level up to completed systems. Trained associates in various aspects of personal computer repair.

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Professional Experience - continued

PC Warehouse

12/1989 to 6/1992

Dover, New Hampshire

Store Manager

3/1990 to 6/1992

Responsibilities included sales of various brands of personal computers, software, and peripherals. Recommended systems based on customer needs including current and future requirements. Clients included home users, educational institutions, small- and medium-sized companies, and government offices. Was responsible for inventory control, store layout and presentation, product display, and financial record keeping. Maintained and recorded system purchases, repairs, and upgrades. Tested and evaluated new products. Provided customers with software solutions, upgrades, and customizations to solve specific problems. Researched obscure or otherwise nonstandard hardware products for use in specialized applications.

Worked extensively with the following products: NEC, Hyundai, AST, and clone personal computers; Panasonic, NEC, Citizen, and Hewlett Packard printers; Lotus 1-2-3, Q&A, WordPerfect, Microsoft DOS and Windows.

Sales Representative

12/1989 to 3/1990

Trained in Plaistow, New Hampshire branch of PC Warehouse in all aspects of store management including sales, inventory control, store presentation, and customer service. Performed hardware and software installations, product demonstrations, and system customizations.

Berry Surveying and Engineering

6/1987 to 12/1989

Rochester, New Hampshire

Crew Chief

Was promoted from Rodman to Crew Chief after three months on the job. Performed boundary searches and surveys, topographical surveys, mortgage surveys, level loops, perc tests, and test pits. Identified and recorded locations of property markers, fences, buildings, roads, and other stationary reference points using a transit and EDM. Researched property histories at town and county offices using title deeds, tax maps, and probate records.

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Professional Experience - continued

Berry Surveying and Engineering - continued

Engineering Assistant

Aided in performing drainage analysis and environmental impact studies as well as the creation of road, subdivision, and septic system designs. Attended town meetings and utilized tax and topographical maps. Specifically worked with Topcon, Kern, and Nikon transits, theodolites, and electronic distance meters. Also used a Calcomp digitizer to input coordinated figures. Experience includes use of topo rods, foresights, tape measures, plumb bobs, and other survey equipment.

Education and Training

Eos Systems Technology

PhotoModeler

January 24-26, 2006, Jacksonville Florida

Photography Techniques, Scene Diagramming and Mapping From Photos, Scene and Crush Measurements, Evaluating Accuracy and Developing Standard Operating Procedures, Exporting to a CAD Package for Further Enhancement and Diagramming, Measurements From Single Photos and/or Photos From Unknown Camera, Photo-realistic Surfacing for Visualizations and Rendering, Nighttime Photography and the Use of Sub-pixel Marked, Retro-reflective Targets, Ortho-photo and Rectified-photo Generation, Admission of Photogrammetry and PhotoModeler Into Court.

Sokkia Corporation

Total Station Mapping

February, 2005, Dover, New Hampshire

Completed 16-Hour Equivalency Course Presented by Sokkia Corporation in the Use of Their Instruments for Total Station Scene Mapping.

Morgan Press

How to Control Color from Monitor to Printer

April 12, 2005, Manchester, New Hampshire

Attended a Seminar Addressing the Matching of Scanned/digital Images to Final Output, Specific Areas of Concentration Included Color Gamuts and Profiles, Limitations and Strengths of Various Color Spaces, and Output Techniques Designed to Increase Impact and Accuracy.

McNally & Associates

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Education and Training - continued

Future Media Concepts, Inc.

Kinetix 3D Studio MAX Level II

August 18 & 19, 1997, Manhattan, New York

Completed a Two-day Course Presented by an Authorized Kinetix Training Center, Advanced Topics Included Morphing, Inverse Kinematics, Lighting, and the Material Editor, Specific Areas of Concentration Involved Creation of Complex Materials, Sub-object Mapping and ID Assignments, IK Hierarchies (Including Binding to Follow Objects), Volumetric Lighting, Advanced Box Modeling Techniques, and Motion Controllers (Including Path and Look-at Controllers).

Morgan Press

Scanning, Photoshop and Prepress

May 6-8, 1997, Manchester, New Hampshire

Attended a 3-day Seminar Where Topics Covered Included Detailed Use of Flatbed Color Scanners and Comprehensive Training in Use of Adobe Photoshop (Including Selection Techniques, Layers, Color Curves and Related Plug-ins). Also Discussed Were Resolution Differences, Service Bureau Terminology, Solutions for Working With Different Media Types (Output and Digital Storage), and Compositing Methods.

University of North Florida

Institute of Police Technology and Management

Advanced Traffic Accident Investigation

March 11-22, 1996, St. Petersburg, Florida

Completed an 80-hour Course in Advanced Accident Reconstruction Investigative Procedures. Included Extensive Application and Discussion of Equations for Determining Time-distance Relationships, Conservation of Linear Momentum, and Minimum Speed. Worked Problems Involving Multiple Collisions and Different Road Surfaces. Also Worked a Number of Vault and Free-fall Problems.

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Education and Training - continued

DTI Technologies, Inc.

June 1, 1995, Bedford, New Hampshire

Completed a 3-day Training Course in Use of Autodesk 3D Studio Software at an Authorized Autodesk Training Center. Topics Covered Included 2D Shape Creation, 3D Lofting, 3D Modeling, Creation and Placement of Lights and Cameras, Material Editing and Application, Mesh Model Creation, Editing and Placement, Key Framing, Output Rendering, Compositing, and Use of IPAS Routines.

SIGGRAPH 95, SIGGRAPH 96, SIGGRAPH 97

Summer 1997, Los Angeles, California

Summer 1996, New Orleans, Louisiana

Summer 1995, Los Angeles, California

Attended Exhibition of Professional Advanced Computer Animation Software and Hardware, Reviewed and Discussed Specific Product Functions, Technical Aspects, and Applications With Manufacturers.

PC Warehouse

December 1989 through June 1992, Plaistow and Dover, New Hampshire

Attended Manufacturers Seminars and One-on-one Training Sessions for Computer Hardware and Software at Various Times Over the Course of My Employment.

New Hampshire Job Training Council

June, 1987, Somersworth, New Hampshire

Completed Surveyor's Assistant Course. Class Was Presented as an Introduction to Surveying Techniques and Covered Property Boundary Surveys, Aerial Surveying, and Topographical Mapping. Instructed in the Use of Transits, Theodolites, Levels, Electronic Distance Meters, Tape and Other Measuring Devices, Also Instructed on Techniques for Proper Recording of Collected Data.

Spaulding High School

Diploma

Rochester, New Hampshire, 1986