DESMOND MULLEN • 82 ENDOR DRIVE • CHAPEL HILL, NC 27516
919-260-8858 • DSM@DESMONDMULLEN.COM

Technical Competencies

High level of competence with JavaScript, jQuery, Node.js, React, HTML, CSS, AJAX, MySQL, Express, MongoDB, Firebase, and Git.

Professional Experience

2018 to present **Developer** *desmondmullen.com*, Chapel Hill, NC
Develop JavaScript, Node.js, and React applications including a variety of shared messaging apps with geolocation and shared lists. Public sites include VehicleDataTracker.com, a tool for tracking gas/oil consumption and customizable maintenance intervals for multiple vehicles per account, and ClickyPiccy.com, a simple, fun memory game.

2015 to 2018 **Manager** *Combustion Cycles Ltd*, Durham, NC
Managed daily operations for independent motorcycle service and sales shop. Responsible for purchasing, customer relations (especially on major service and repairs), and team management. Developed key heuristic solutions for workflow management and load-balancing of customer work.

2014 to 2015 **ELF Product Manager, Process Manager** *Organic Transit*, Durham, NC
Led and coordinated continuing development of Organic Transit's flagship *ELF* hybrid vehicle. Created website and social media campaigns to market and brand OT and the ELF. Developed and oversaw processes for vehicle manufacturing, research and development, and design and production changes.

2005 to 2014 **Project Manager/Producer** *Busy Little Studios*, Durham, NC
Founded video production studio to write, film, animate, and produce the now-popular *Busy Little Engine* children's educational DVD. Managed all operations of studio including financial, facilities, distributor relations, direct sales, and shipping.

2002 to 2007 **Project Manager/Show Producer** *Morehead Planetarium*, Chapel Hill, NC
Created big-budget original multimedia science education programs. Introduced non-linear audio and video editing, 3D animations and *Nova*/*Frontline*-style format to planetarium productions. Supervised student staff members.

2000 to 2002 **Technical Specialist** *Morehead Planetarium and Science Center*, Chapel Hill, NC
Installed and maintained high-end video and audio equipment as well as specialized planetarium devices. Supervised student staff members.

1995 to 2000 **Systems Administrator** *WebTV Networks, Inc.*, Palo Alto, CA
Early employee for successful start-up (now Microsoft's MSN TV). Developed and administered computing infrastructure for rapidly-expanding company. Acquired and managed huge influx of computing equipment to accommodate new employees.

1994 to 1995 **Director of Disk Mastering** *Rocket Science Games*, Palo Alto, CA
Duties at Rocket Science included creating software tools to manage audio, image, and video assets, IT Manager, and, later, Director of Disk Mastering.

1993 to 1994 **Technical Director** *Industrial Light & Magic*, San Rafael, CA
Created official music video for Paul McCartney's "Off the Ground". Composited video using custom software on a small farm of Macintoshes the same way that the rest of the crew at ILM was doing with film (much higher resolution) on a very large farm of SGIs for the original *Jurassic Park*. Proving quicker turnaround with our software over the SGI farm, my team produced tests for the now-famous T-Rex vs. Raptors fight scene in *Jurassic Park*.