



CHARLES WIRTH

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Summary

Dynamic Manufacturing Engineer adept at completing demanding projects within crucial timelines. Thorough, detail- and process-oriented, with strong follow-through skills. Known for analyzing situations and quickly implementing innovative resolutions.

20+ years of hands-on management experience dedicated learning and teaching new technologies.

Skills

- Certified Manufacturing Technologist, specializing in new advanced technologies and methods.
- Installation of industrial equipment, floor plan layout, connection of services, operation, and maintenance scheduling.
- Machine repair, RMA, and service scheduling.
- Workstation and server expertise beyond normal, I am over trained by Intel and AMD in technologies for almost two decades.
- Extensive PC industry contacts to most major manufacturers on a first name basis.
- Great reputation for delivering results and doing what I say on time without fail.
- Experience in Photogrammetry
- Netfabb operator, I am a Netfabb jockey and perform the hardest 3D repairs, file cuts, orientation, scaling, and other techniques for file repair.

Experience

Pictographics | Las Vegas, NV
Additive Manufacturing Engineer
01/2000 - Current

- Motivated, led and supported employees to maintain low turnover.
- Identified hardware issues caused by component failures using approved diagnostic tools.
- Configured computers to network drivers and connected to printers and other peripheral equipment.
- Responded to assistance requests from users and directed individuals through basic troubleshooting tasks.
- Installed and performed repairs to hardware, software and peripheral equipment following design and installation specifications.
- Built and repaired graphics workstations according to schedule.
- Notified appropriate personnel of equipment malfunctions, providing timeframes for potential remedial measures.
- Coordinated with hardware and software vendors to obtain warranty services, external technical support and replacement products.
- Performed functionality testing on various systems and applications to confirm suspected faults and malfunctions.
- Conducted routine maintenance on servers and systems, keeping networks fully operational during peak periods.
- Worked successfully with diverse group of coworkers to accomplish goals and address issues related to our products and services.
- Worked closely with team members to deliver project requirements, develop solutions and meet deadlines.
- Prioritized and organized tasks to efficiently accomplish service goals.
- Assembled finished product for shipment by packing, crating, loading

and securing items.

- Maintained machines in good working order by cleaning, lubricating and adjusting.
- Prepared machines for printing and operated several industrial 3D printers.
- Handled troubleshooting tasks for Local Area Networks, Wide Area Networks and voice systems to reduce network connectivity problems
- Monitored and performed hardware and software upgrades to network servers, including operating systems and applications.
- Extensively researched unfamiliar products and technologies to learn how best to incorporate new options.
- Coordinated scanning and color-correction of original artwork and procured duplicate printing files.
- Operated forklift to transport goods throughout warehouse.
- Loaded or unloaded shipments on trucks.

XtremeSystems | Las Vegas, NV
Professional Overclocker
01/2000 - Current

I am sponsored overclocker, my sponsors include Intel, AMD, Nvidia, Thermaltake, EK, Sabrent, Phison, Patriot and Asus.

I am called upon for product launch events to showcase the product in an extreme overclock.

Twenty years ago I built an exotic CPU cooler that AMD and Intel took notice of. My cooler went down to -100c and it was dependable enough that I used it at events and on stage for keynote speeches by Intel CEO.

Both companies fed me the latest hardware for over a decade and made sure I had industry support to show new processor releases . I hosted many events over the past two decades.

SGI | Chicago, IL
Advanced Systems Integrator
01/1993 - 01/1996

- Assisted in technical support process refinement to improve customer service and support.
- Organized repair and replacement of PC components and systems.
- Assisted end-users with software and hardware troubleshooting to determine causes of system malfunction.
- I was trained by Intergraph and Sun microsystems in cross platform integration.
- Worked with many UNIX platforms,
- Worked in secure installations.
- I supported TDZ and ZX10 workstations.

Education and Training

University of Florida | Gainesville, FL
Associate of Science in Computer Engineering
06/1992

Activities and Honors

- 2002 - Comdex <http://www.xtremesystems.org/forums/showthread.php?5065-Comdex-week>
- 2002 - XtremeSystems complete first dual stage cascade first to -100c
- 2002 - Noticed by AMD <http://www.xtremesystems.org/forums/showthread.php?4516-I-cleaned-house-at-AMD-event>
- 2003 - Triple Digit Triple stage cascade completed
www.xtremesystems.org/forums/showthread.php?21668-Trippl-dig-cascade
- 2004 - CES & Comdex as Media
- 2005 - ATI Event Dallas Exhibition
<http://www.xtremesystems.org/forums/showthread.php?52851-Fugger-vrs-Macci-vrs-OPPAINTER-Live-in-Dallas!>

- 2006 - Abit NSA Encryption Freemont Cali <http://www.xtremesystems.org/forums/showthread.php?125818-Abit-OC-Event-USA>
- 2006 - XtremeSystems Intel/Microsoft Roadshow
<http://www.xtremesystems.org/forums/showthread.php?118399-Intel-Microsoft-R2R-Roadshow>
- 2007 - ASUS AOCC USA Champion
- 2007 - XtremeSystems CES Event @ Pictographics
- 2007 - Charles Wirth IDF Keynote Otellini Cascade 13 WR hit on stage SFO and Taipei Taiwan
http://download.intel.com/pressroom/kits/events/idffall_2007/KeynoteOtellini.pdf
<https://www.zdnet.com/pictures/photos-intel-unveils-future-technology-at-idf-2007/2/>
<https://www.cnet.com/news/idf-fall-2007-part-1-opening-keynote/>
<https://www.anandtech.com/show/2331/4>
https://www.bit-tech.net/news/tech/yorkfield_breaks_seven_world_records/1/
- 2007 - IDF Taiwan, repeat WR on stage success
<https://www.fudzilla.com/news/1427-32-ghz-yorkfield-screenshots>
- 2007 - XtremeSystems Computex OC Event
<http://www.xtremesystems.org/forums/showthread.php?145367-XtremeSystems-Computex>
<http://www.xtremesystems.org/forums/showthread.php?162102-XS-IDF-Taiwan>
- 2008 - AOCC Hong Kong Final
<https://www.youtube.com/watch?v=EWXhgUeGxkg>
- 2008 - CES Party OC Event Gigabyte OC
<http://www.xtremesystems.org/forums/showthread.php?211726-XS-OC-Party-CES>
<https://www.pcgameshardware.de/CPU-CPU-154106/News/AMD-Phenom-II-mit-fluessigem-Helium-uebertaktet-PCGH-vor-Ort-672730/galerie/961601/>
- 2008 - Asus AOCC North America Champion & World Freestyle Champion
<http://www.xtremesystems.org/forums/showthread.php?197833-Gigabyte-Open-Overclocking-Championship-2008-Taipei>
- 2008 - XtremeSystems Computex Taiwan hosted by Abit
<http://www.xtremesystems.org/forums/showthread.php?187707-Abit-Computex>
<http://www.xtremesystems.org/forums/showthread.php?183854-Computex-2008>
- 2009 - Gigabyte USA/World Champion
- 2009 - XtremeSystems CES Party
<http://www.xtremesystems.org/forums/showthread.php?211726-XS-OC-Party-CES>
- 2009 - Gigabyte GOOC World Championship
<https://www.gigabyte.com/us/Press/News/-725>
- 2010 - Asus OC Summit Champion
<https://www.youtube.com/watch?v=W19yidpSrCM>
- 2010 - XtremeSystems CES Event: Pole Position Raceway Buyout
<http://www.xtremesystems.org/forums/showthread.php?242502-XtremeParty-CES-2010>
<http://www.xtremesystems.org/forums/showthread.php?240379-XS-CES-2010-Details>
<https://www.youtube.com/watch?v=YYJJau7-mT0>
<https://www.youtube.com/watch?v=6x6etwyeyoQc>
- 2010 - XtremeSystems Computex Taiwan
- 2010 North America GOOC USA Win + World Win <https://www.youtube.com/watch?v=a3V2PWNezJE>
- 2010 Campus Party Brazil: <http://www.xtremesystems.org/forums/showthread.php?244457-Campus-Party-Brazil-2010-OC-Event>
2010 - Gigabyte World Champion and Freestyle World Champion (most world records in competition)
- 2011 - XtremeSystems CES Event BBQ and open bar
<http://www.xtremesystems.org/forums/showthread.php?259780-XS-CES-Party-2011>
- 2011 - MSI MOA USA Champion
- 2011 - Asus AOCC USA Champion
- 2012 - XtremeSystems CES Event: Xtreme Hold'em Caesars Palace
<http://www.xtremesystems.org/forums/showthread.php?272716-2012-XS-CES-Event&highlight=poker>
- 2012 - MSI MOA USA Champion
- 2012 - Futuremark PCMark World Record Flash Memory Summit
https://www.tweaktown.com/news/25470/xtremesystems_and_tweaktown_set_pcmark_vantage_world_record_at_fms_2012/index.html

- 2012 - Asus AOCC USA Champion
- 2013 - CES XtremeSystems Helium Event
<https://www.youtube.com/watch?v=wB0JodKgZ0A>
- 2013 - IDF San Francisco Keynote and Speaker
[https://video.golem.de/pc-hardware/11658/charles-fugger-wirth-ueber-den-core-i7-4960x-\(idf-2013\).html](https://video.golem.de/pc-hardware/11658/charles-fugger-wirth-ueber-den-core-i7-4960x-(idf-2013).html)
- 2013 - OC Main Event SFO
<https://www.tweaktown.com/news/32848/oc-main-event-sponsored-by-asus-intel-and-corsair-caught-on-film/index.html>
- 2014 - XtremeSystems CES OC Event
<http://www.xtremesystems.org/forums/showthread.php?288052-Gigabyte-Intel-G-Skill-Enermax-OC-Event-for-CES-2014>
- 2015 - Charles Wirth IDF Keynote LN2 WR hit on stage:
<https://hothardware.com/news/he-pours-liquid-nitrogen-on-a-skylake-cpu-at-idf-what-happens-next-is-astonishing>
http://wiki.hwbot.org/Skylake_overclocking
- 2015 - Intel Vice President Skaugen writes me into "Game Changer"
<https://blogs.intel.com/technology/2015/08/the-game-changer/#gs.3zrnk2>
- 2016 - CES XtremeSystems Event @ Pictographics
Quad Insanity @ Pictographics
<https://www.youtube.com/watch?v=QKOD-Vrga9U>
<https://www.youtube.com/watch?v=3RctKYB7sw0>
- 2021 XtremeSystems OC Even Rocket Launch Las Vegas