

Martin Bammes

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Education

University of Utah, David Eccles School of Business

Salt Lake City, UT May 2015

Bachelor of Science, Operations Management

Also known as industrial engineering, operations managers specialize in data driven decision making. This can take the form of cost forecasting, automating assembly lines, streamlining supply chains, and demand management like queuing models. Operations Managers are also inherently skilled at data analysis, as a great deal of their education is in statistics.

Experience – Last 5 years

d/dx Laboratories - Co – Founder and President

Salt Lake City, UT May 2015 – Present

- Manages a team of 10 graduate students to develop medical, and entertainment software
- Serve as Chief Organizer of the Utah Virtual Reality Film Festival
- Serve as Corporate Event Coordinator for Virtualities Arcade and Cinema in the Gateway Mall
- Invented an algorithm that allows people to control virtual reality with their brains
- Research ISO, FDA, FCC, and CE compliance for medical components, also perform extensive patent searches
- Successfully raised capital for an LLC, and constructed marketing campaigns for multiple launched video games
- Performs all financial reporting, and HR functions for an LLC
- Planned, scheduled, budgeted, staffed, and managed multiple software development projects

College Student and Operations Intern for 3D printing company

Salt Lake City, UT June 2013 – May 2015

- Spearheaded the design of experiments (DOE) on a new manufacturing method for extruded plastic
- Reengineered a 3D printer to use standard size parts, reducing the cost and time of manufacturing
- Constructed manufacturing information system for timely delivery of products
- Reduced manufacturing throughput times by creating a complete raw materials to shopping cart information system
- Created accounting infrastructure and payroll operations for an LLC

United States Marine Corps - Corporal, Non-Commissioned Officer

Salt Lake City, UT Aug 2007 – Aug 2011

- Consistently led a team of 12 marines on a daily basis (both in garrison, and in combat)
- Managed inventory, maintenance, and logistics for a 1.8 million dollar warehouse
- Calculated the launch, trajectory, and impact of over 500 live fire missions
- Considered an industry expert in AFATDS (Advanced Field Artillery Tactical Data System)
- Managed training qualifications and certifications for over 1,000 Marines as part of 2nd Battalion 11th Marines
- Regularly took responsibility for the acquisition, safety, and transportation of several million dollars' worth of military equipment

Community Involvement

Utah Brain Hackers – Co-Founder / Organizer

Jan 2016 – Present

- Organize a monthly meetup with 130 members including psychologists, neuroscientists, programmers, big data, and artificial intelligence experts.

National Marine Corps Business Network (NMCBN) – Salt Lake Chapter President

July 2015 – Present

- Organize a monthly meetup with 77 members including prior service Marines and Corpsmen business leaders in Utah

Utah Virtual Reality – Assistant Organizer

May 2015 – Present

- Assist and attend a monthly meetup with 544 members including software developers, and virtual reality enthusiasts
- Chief Organizer of the UtahVR Halloween Party with over 100 attendees

Professional Certificates and Awards

2016 Bench2Bedside Winner Best in EAE – For inventing a new neurofeedback treatment in virtual reality

Apr 2016

Global Data Competition 4th place in first phase – For participating as part of Team Neureal.

July 2015

- For using Artificial Indigence and Machine Learning to teach computers to accurately interpret images of Mars

Six Sigma Greenbelt – A method of statistical process improvement based on data driven decision making

Dec 2014

- For a demonstrated ability to improve manufacturing processes

Navy Certificate of Commendation – For the longest distance digital communication via High Frequency Radio

May 2010

- Created digital communication network from Okinawa to Hidjudai Japan using Gulf War era radio equipment

Navy Certificate of Commendation – For restoring and maintaining over \$1 million of equipment

July 2009

- Maintained a 1.8 million dollar equipment inventory for three battery fire direction control centers, an essential part of the effectiveness of 3rd Marine Division

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Reference List

Wil Bown **801-856-6093** **wilbown@gmail.com**

Co – Founder Freedom VR

Artificial Intelligence Expert, and Virtual Reality Evangelist

Wil is an artificial intelligence, and big data, expert. Wil and I have worked together on numerous projects, and are still considered strategic partners today. He is the leader of Team Neureal that placed 4th in the 2015 global data competition. He is also widely known for his expertise in block chain technology.

John Fenley **801-427-3532** **pontifier@gmail.com**

Founder/President Provol.org

Robotics Expert, and Habitual DARPA/Battlebots Contestant

I have been working with John consistently for almost 4 years. He is best known for his work with Crossies, a digital media storage service that would later become the algorithm framework for a local multi-million dollar digital media service from Provo UT. We met while redesigning plastic extrusion methods for Polylactic Acid (PLA), a common substance used in plastics manufacturing. John and I are currently working on the integration of electroencephalogram (EEG) controlled robotics.

Yash Bangera **484-477-2824** **yash.h.bangera@gmail.com**

Business Partner/ VR Expert

Medical and Gaming Virtual Reality Software Engineer

I have been working with Yash since the spring of 2015. Yash is the Chief Engineer on Project Labyrinth and The Tower Last Stand. He is one of my closest colleagues, and would be proud to call him CTO of d/dx Laboratories. Together we have worked on VR projects on seven different platforms, and continue that work today. We also intend to win Bench2Bedside again this year. Yash and I have an incredible synergy, and we are able to complete software projects together, much faster than we would otherwise.

For more references, please consider my [LinkedIn](#) network