RYAN THOMAS DRAKE

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EDUCATION

University of Virginia - Darden School of Business Administration
Master of Business Administration, May 2008

Pennsylvania State University
BS Computer Engineering, May 1998

EXPERIENCE

Apple
Engineering Project Manager - 2013–Present
- Providing program support for Location and Motion iOS, macOS, and watchOS software teams
- Technology areas covered include GPS, WiFi positioning, Location Services middleware and 3rd party API, motion sensors, health & fitness, location crowdsourcing, machine learning and analytics / data telemetry

Telenav *(Location-based software and service provider)*
Senior Product Manager - 2011–2013, Technical Lead - 2010–2011
- Led the overall technical design and implementation of the Scout GPS turn-by-turn navigation product on the iOS platform, from initial concept through launch. Achieved aggressive CES 2012 release date
- Responsible for Scout's product definition and delivery schedule. Average of 4.5 star AppStore rating
- Brought Telenav's client release cadence from 6 months to 5 weeks, improving our go-to-market speed

Avalex Technologies *(Manufacturer of digital aeronautical mapping systems and displays)*
Program Manager & Lead Engineer - 2008–2010
- Responsible for Avalex's embedded aero mapping software, including release schedule, technology roadmap, planning, implementation, quality assurance and follow-up support
- Deployed maintenance updates while completing custom engineering work for key customers and partners

Westwind Marine Partners *(Internet service start-up)*
Consultant - 2008
- Advised the technology and launch strategy for Yacht.com, a social network for the yachting market

Raymarine *(Manufacturer of recreational marine electronics)*
Senior Software Engineer - 2002–2006
- Designed, implemented, and tested mapping software for Raymarine's next-generation ocean navigation systems resulting in three successful product launches worth £60M in revenue
- Worked with overseas partners to establish feature requirements for the Platinum cartography product, which won seven industry awards and boosted sales by 20% across the Platinum-enabled product lines
- Provided field client support for Raymarine's corporate and tier-one individual customers, diagnosing and solving unique and difficult product issues

Metro Link / US Digital Television *(Start-up designer of set-top box digital video recorders)*
Software Engineer - 2000–2002
- Designed and implemented low-level components of Metro Media, Metro Link's set-top box Personal Video Recorder product, in collaboration with marketing, sales and support
- Developed graphics and video capture software for Metro Link's commercial X Window Server product
- Demonstrated Metro Media and other products to investors, vendors and suppliers at industry trade shows

Matrox Graphics *(Manufacturer of PC graphics hardware)*
Software Engineer - 1998–2000
- Developed Windows OpenGL drivers for the G200, G400 and G450 graphics accelerators and video capture drivers for a multi-display video product