James (Jim) M. Stallings

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OBJECTIVE: Computer Scientist, Software Engineer (Available: 12/15/2019)

EXPERIENCE SUMMARY

- 20+ years, Computer Programmer, Web Developer, Database Developer, Software Hobbyist
- 20+ years, US Navy, Electronics Technician / EOD, Chief, Honorable Discharge: 12/03
- 14+ years, Business Owner, Entrepreneur (service industry)
- 3 years, Curriculum Development / Training (military NEC 5332)
- Security Clearance: DoD, TS / SCI / CNWDI (as US Navy EOD tech; *expired*: 2005)
- Work Preference: Central / Northern Virginia (open to telecommute)

HARDWARE / SOFTWARE / TECHNICAL / COMPUTER

(experience in each ranges from hands-on use to basic familiarity, including self-taught applications)

- Adobe Creative Suite: Illustrator
- Android Studio
- Apple Operating Systems
- Apple / Mac Computers
- Artificial Intelligence (AI)
- C / C++
- CSS
- Drupal CMS (v.7; v.8)
- GIMP
- GitHub
- Google Firebase
- HTML
- Java / Java Script
- Knowledge Discovery (Big-Data)
- LabView (NI-LabView)
- MS Office: Word, Excel, PowerPoint, Outlook
- MS Office: Access
- MySQL
- Oracle DBMS
- Pascal
- PCs (Window-based)
- PHP
- Python
- QT Creator
- SIPRnet / NIPRnet
- SQL
- UNIX (LINUX)

TECHNOLOGY EXPERIENCE PORTFOLIO

09/17 – present, Full-Time Student, Computer Science Degree
Virginia Commonwealth University, Richmond, VA

- Managed individual and/or group computer science and technology projects including:
  - Developed an operating system (OS) simulation using C++ in QT Creator
  - Developed an android application with data persisted in Google Firebase using Java in Android Studio
  - Coordinating a 3-person team to develop a Ballistic Data Collection and Information Management System using C, C++, Python, LabView, and MySQL for Capstone Project

2000 – present, Web Developer / Programmer / Application Developer
Self-Employed, Virginia Beach, Norfolk, and Richmond, VA

- Designed, developed, and created websites for business, starting with HTML and accomplishing development of website based entirely on Drupal (v.7) Content Management System
- Researched, analyzed, and identified customer relation management database software for best-practice related to client data management, service scheduling, and online payment processing
- Created, developed, designed websites for peers and for businesses, including: tutoring and janitorial services, artists, and other diverse fields and industries. Samples include:
  - www.bizsalsa.com (personal website – continuing development)
  - www.monsterclean.com (carpet-cleaning company; internet archive v. mid-2017)
  - www.petutors.us (math-tutoring service website)
- Participated in two annual Hackathons sponsored by Tidewater Community College, Hampton Region, VA with three-member teams winning third (2016), and first (2017) place, Norfolk, VA
- Created Basic-program-language management application to record foot-race runner data for statistical score-keeping (~mid-90's)

PROFESSIONAL BUSINESS EXPERIENCE

06/04 – 09/17, Founder, Owner, Manager
Monster Clean, Virginia Beach, VA

- Founded carpet, upholstery, ceramic-tile cleaning company, initially with equipment-supported van; grew business assets to two diesel utility trucks with vacuum and steam cleaning equipment and five employees, with revenue of >$330K annually, serving >2,000 clients' commercial / domestic properties in Hampton Roads (used QuickBooks accounting)
- Added oriental rug cleaning services (2013) to compete in a niche target market; engineered artificial river wash pit and drying room, and added specialty equipment, resulting in ~$50-60K annually in increased revenues
- Researched, audited, identified, installed, and used customer service management programs (cloud-based), including: Jobber, ServiceMonster, ServiceFusion, mHelpDesk, and RazerSync
- Maintained carpet cleaning systems, mechanical upkeep of trucks (repairs to water, vacuum, transmission, power systems), and repaired carpet cleaning equipment
- Marketing efforts resulted in company winning >40 recognition awards, Gold, Silver, and Bronze for Best of Hampton Roads, Angie's List awards (10 years in row) for Best Carpet & Upholstery Cleaning Services in Hampton Roads

MILITARY SERVICE EXPERIENCE

Master Explosive Ordinance Disposal (EOD), Chief, Command Career Counselor
US Navy, Little Creek Amphibious Base, EOD Mobile Unit Two, Virginia Beach, VA

- Command Career Counselor with a 100% retention rate (three years: unprecedented / historic)
- Developed a training and course management database in MS Access
- Developed a Parachute operations management database in MS Access (considered for fleetwide implementation)
- Performed as a Master explosive ordinance disposal tech, Master training instructor, Mixed-Gas Diving Operations Supervisor and Helicopter Cast and Recovery Operations Supervisor (Cast-Master)

Engineman, EOD (ENC), Diving Operations Supervisor, US Navy, Mare Island, CA

- Trained Romanian and Canadian military personnel in state-of-the-art dive equipment and procedures
- Diver for NASA recovery effort shuttle Challenger mission (killing seven crew members; 01/86), after spacecraft exploded (Cape Canaveral, FL), and Trans World Airlines Flight 800 (TWA 800; Boeing 747-100; 07/96; East Moriches, NY, which crashed into the Atlantic Ocean
- Liaised as team leader with Secret Service to protect seven Presidents, foreign heads of state, and high-profile venues during tenure as an EOD Chief (including Utah's Olympic games; Salt Lake City; 2002)

Electronics Technician / Engineman, EOD (ET), US Navy, Indian Head, MD
Seaman, Electronics Technician (ET3), US Navy, Sigonella, Italy

- Developed training curriculum as a US Naval Master Training Specialist for International EOD courses and trained US Joint forces EOD students in ground and air ordnance divisions (earning a Joint-Service Commendation Medal normally reserved for officers)

FORMAL EDUCATION

- 09/18 – present, **Bachelor's Degree, Major: Computer Science,** Virginia Commonwealth University, Richmond, VA; expected graduation: 05/20; *Courses: Software Engineering: Specification and Design, Algorithm Analysis With Advanced Data Structures, Programming Languages, Database Theory, Computer Systems, Theory Of Computation, Operating Systems, Linear Algebra, University Physics, General Chemistry; (following courses are Fall 2019 or expected completion in May 2020) Senior Project 1&2 (Capstone), Data Science, Artificial Intelligence, Natural Language Processing*
- 05/18, **Associates Degree, Computer Science,** J. Sargeant Reynolds, Community College,

Richmond, VA; *Courses: Structured Query Language, Hardware & Operating Systems Architecture, Web Page Design, Network Concepts, Computer Science, Programming with C++, UNIX*

- 01/16 – present, **Associates Degree, Information Systems Technology – Computer Programming,** Tidewater Community College, Virginia Beach, VA; J. Sargeant Reynolds Community College, Richmond, VA; and VCU, Richmond, VA; expected graduation: 12/20; *Courses: Discrete Structures, Computer Organization, Calculus with Analytic Geometry, Multivariate (Vector) Calculus, Statistics*
- 2000, Principles of Accounting, St. Leo College (sponsored by US Navy)
- **Associates of Science,** University of the State of New York (Regents College; Excelsior College), Albany, NY *(transfer credits from JCC)*
- **Associates in Science, Liberal Arts**, Jacksonville Community College, Jacksonville, FL *(non-degreed)*

CAREER TRAINING / CERTIFICATIONS

- 2017, Certification, Internet Web Professional, Site Development Associate (CIW ID 777355)
- Certification, Master Explosive Ordnance Disposal Technician, US Navy, Norfolk, VA
- Certification, Helicopter Rope Suspension Technique Cast-Master. US Navy, Norfolk, VA
- Certification, Diving Supervisor for MK-16 Closed Circuit UBA Diving Operations, US Navy, Norfolk, VA
- Certification, Master Training Specialist, Naval School of Explosives Ordnance Disposal (NAVSCOLEOD), US Navy, Indian Head, MD
- Certification, Basic CPR Instructor, US Navy, USS Enterprise, CVN-65

RECOGNITION / AWARDS / VOLUNTEER / COMMUNITY / TRADE ORGANIZATIONS

- 2017, 1st Place Winner (team), Annual Hackathon, Tidewater Community College, Norfolk, VA
- 2016, 3rd Place Winner (team), Annual Hackathon, Tidewater Community College, Norfolk, VA
- 06/14, Entrepreneurial Excellence Award, Virginian Pilot, Inside Business, Norfolk, VA
- 2002, Letter of Appreciation, Norfolk Navy Base, USA Navy, Norfolk, VA
- Volunteer Recognition, '1,000 Points of Light,' President George H. W. Bush
- Letter of Commendation, Commander, Sixth Fleet, USA Navy
- Letter of Appreciation, Director, US Federal Bureau of Investigation (FBI)
- Letter of Appreciation, USA Navy, San Francisco, CA
- Navy and Marine Corp Achievement Medal (3)
- Joint Service Commendation Medal

Transferable Key Experience and Skills: Access, Android Studio, Artificial Intelligence (AI), Basic, Big-Data, bomb disposal tech, C / C++, Computer Programmer, Computer Scientist, CSS, Curriculum Development, customer relation management, Data Collection, data management, database, Database Developer, Drupal, Electronics Technician, Entrepreneur, Explosive Ordnance Disposal (EOD), GIMP, GitHub, Google Firebase, Information Management System, Instructor, Internet Web Professional, Java, JavaScript, Knowledge Discovery, LabView, LINUX, Master Training Specialist, MySQL, operating system (OS), operations management, Oracle, PHP, Python, QT Creator, Software Engineer, SQL, Supervisor, team leader, information technology, Training, UNIX