David Ivashenko

North Brunswick, NJ GIT: davidivashenko.com E-mail dave.ivashenko@gmail.com (732)-947-6232

EDUCATION

Rutgers University, School of Engineering, Piscataway, NJ   05/2018

Bachelor of Science in Engineering / Concentration: Biomedical Engineering

- Research programming vestibular evoked myogenic potential device for RWJBarnabas Health using LabView
- F.I.R.S.T Robotics captain, developed and programmed robot's C++ and Java autonomy modes
- PCR and DNA Sequencing through Waksman Student Scholars Program

Valley Forge Military College, Wayne, PA   05/2015

Associate of Science

- Biology TA and lab assistant

PROFESSIONAL SKILLS

- SQL/C#/.NET/C++/Java/Python/MATLAB/SAP/SAS/CAD/Solid works/VBA/Azure/AWS
- Office suite/ Invoicing / Web Design / GIT
- Emergency Medical Technician, CPR, PEARS, NIMS 300, ICS

EXPERIENCE

Emergency Medical Technician, Hackensack Meridian Health, Edison, NJ   10/2016 – Present

- Provided medical care for regional 911 response, maintaining knowledge of treatment protocols and response requirements.
- Rapidly assess whether life threatening criteria was present and took immediate action.
- Maintain compliance with state regulations on equipment and procedure

Treasurer, Edison First Aid Squad #2, Edison, NJ   06/2012 – Present

- Liaison between President, Trustees, and Administration regarding revenue and budget reporting
- Provided regular audit reporting with direct communication to CPA for compliance with federal, state, and local regulations
- Instructed new volunteers in basic life support and compliance with local regulations

Wealth Management Intern, Morgan Stanley, New York, NY   01/2019 – 08/2019

- Developed .NET and VBA program for annuity calculations and predictions with printable layout
- Worked within the Morgan Stanley network to handle team's IT needs such as: outlook mailbox setup and, installing company approved software, creating mailing groups, increasing network drive storage space
- Handled processing of reporting material: organized and bound portfolio reports to be presented to clients, mailing brochures and statements to via overnight request through Morgan Stanley system and regular mail
- Worked within the Morgan Stanley network to acquire information on rules of engagement in blocked and restricted countries, purchasing and holding foreign currencies and assets.

Technology Consultant, Seer Capital Management LP, New York, NY   06/2018 – 12/2018

- Developed .NET messaging software to run on Azure cloud and maintained version control, to save on maintenance costs
- Migrated local SQL server to Azure cloud, cutting 60% monthly on licensing fees
- Designed GUI using DevExpress tools for .NET
- Maintained native Windows Toast Notifications for messaging software
- Designed and setup hosted WordPress website as Brochure-ware, to cut 80% annual maintenance fees
- Disassembled obsolete computers and removed access from local windows managed network
- Managed backup data and secured with VeraCrypt and Bit locker encryption

Co-Op, Colgate-Palmolive, Piscataway, NJ   05/2017 – 09/2017

- Programmed 9 DOF WAM Barrett Robotic Arm in C++ on Linux systems for autonomous function
- Programmed signal processing with MATLAB and LabView
- Developed motion pattern for completing autonomous function