JOHAN E. YEGE

A United States Army veteran and computer engineer with professionalism and attention to detail. Pursuing a high-technology, data-intensive career in software development and network engineering. Experienced in object-oriented programming and circuit design and analysis. Interests include operating systems and computer networks.

EDUCATION

B.E., Computer Engineering, The City College of New York, Completed February 2013.
- Capstone project focused on machine learning.

Workforce Development Initiative (WDI) IT Program, Hostos Community College, Completed August 2016.
- Completed three Cisco Networking Academy curriculums in preparation for the CompTIA A+ certification and the Cisco Certified Entry Networking Technician (CCENT) certification.

CompTIA A+ Certified, March 2016 - March 2019.

QUALIFICATIONS

Programming Languages:	**C++**: intermediate, **C**: beginner-intermediate, **JavaScript**: beginner-intermediate, **HTML**: beginner-intermediate, **CSS**: beginner-intermediate, **Python**: beginner-intermediate, **PHP**: beginner, **Java**: beginner.
Operating Systems:	**UNIX / macOS**: intermediate, **Linux**: beginner-intermediate, **Windows**: beginner-intermediate.
Tools Used:	**Atom:** beginner-intermediate, **Bash**: intermediate, **Git**: intermediate, **TCP/IP**: beginner-intermediate, **GCC / LLVM**: beginner-intermediate, **Xcode**: beginner, **Visual Studio**: beginner, **Machine Learning**: beginner, **Docker**: beginner, **Wordpress**: beginner.
Frameworks / Libraries Used:	**Node.js**: beginner-intermediate, **Django**: beginner-intermediate.
Spoken Languages:	Bilingual. Fluent in Spanish.

PROJECTS

Plumbing Company Website: Creating a website for a plumbing company, New York City Sewer & Drain, https://www.nycsnd.com. Starting from scratch and will be involved in all aspects of design and implementation. (July 2020 - Present)

Web API: Creating a web API application for Global Nomads Group. This application creates diversified groups of students, based on country of residence. Prototyped the application using C++ and began porting the code over to JavaScript and Node.js. (June 2019 - February 2019)

E-commerce Website: Developing an e-commerce website for Angel Marie Apparel LLC, https://angelmarienyc.com. The site is based on Wordpress. Involved in all aspects of website design, quality assurance, and implementation. (June 2019 - September 2019)

Recommender Web Application: Capstone project. Exposed to machine learning as part of a four-member team that designed and created an intelligent web application that makes recommendations on movies. Duties included the design and implementation of the website using machine learning techniques, Python, Django, and MySQL. See http://mlx.herokuapp.com for a rough example of the project. (Spring 2012 – Fall 2012)

Integrated Circuit Design: Learned the intricate and involved process of designing an integrated circuit. Designed and simulated a four-state finite state machine using CMOS technology achieving a high frequency operation of 1.33 GHz and a low power consumption of 234.3 pW. (Spring 2012)

JOHAN E. YEGE

WORK EXPERIENCE

Data Clerk / Heavy Equip. Mechanic, **Data Solutions & Technology Inc.,** Ft. Hamilton, NY   Oct 2016 – Present
U.S. Army contractor, mechanic, and data clerk responsible for tracking equipment, work orders, parts, and man-hour data.
- As the main "computer guy" in my section, helped the maintenance section progress from a shop with no digital records to a shop tracking all equipment and man-hour data.
- Learned and operated the Standard Army Maintenance System (SAMS), and then learned and transitioned to GCSS-Army, Global Combat Support System-Army, an enterprise resource planning application based on SAP.
- Entrusted with GCSS-Army data input, parts purchases, and weekly and monthly leader meetings and reports, as well as the maintenance and repair of our heavy equipment fleet.
- Help train other team members on operating GCSS-Army, creating purchase requests, and other tasks as needed.

Temporary Service Technician, **Verizon,** Leesburg, VA   May 2016
Joined the company during a labor strike in hopes of helping to provide uninterrupted Internet, phone, and cable services to its customers.
- Completed the Verizon FiOS technician training and gained experience operating fiber optic tools and equipment.

Technician, **Time Warner Cable,** New York, NY   May 2014 – Sep 2014
Set up and maintained telecommunications equipment and services, and provided excellent customer service.
- Installed digital cable, broadband internet, and digital phone equipment and wiring.
- Configured wireless and Ethernet networks and repaired existing cable and data networks.

Computer Lab Assistant, **City College of New York,** New York, NY   Sep 2012 – May 2013
Responsible for the daily operation of a student computer lab containing 50 networked Linux computers (CentOS).
- Duties included assisting students with account issues and escalating major issues to the Labs Manager.

Wheeled Vehicle Mechanic, **25th ID, United States Army,** Schofield Barracks, HI   Feb 2005 – Jan 2010
Completed two deployments to Iraq in support of Operation Iraqi Freedom. Served in Iraq as an armed guard while normal duties involved maintaining battalion vehicles, ensuring our forces were always ready to move.
- Led soldiers and contractors in a hostile environment with no incidents.
- Responsible for the safety of over 10,000 personnel on base while assigned to entry point security in Iraq.

INTERESTS

Amateur Photographer / Videographer : Interested in building my skills as a photographer and videographer.
- Extensive experience shooting family events.
- Some experience photographing products.
- Expanding skills to cover portraits and a broader range of events and types of videos.