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EDUCATION

September 2018 - June 2020
Seattle Central College - Seattle, WA
Web Development Certificate
Network Design & Administration Certificate

September 2015 - June 2018
Seattle University - Seattle, WA
Bachelor of Science in Electrical Engineering

September 2013 - June 2015
Seattle Central College - Seattle, WA
Associate of Science Degree

SKILLS

Software and Platforms:
Visual Studio, Eclipse, GitHub/GitLab, Microsoft Office, NI Multisim, NI Ultiboard, NI LabView, AutoCAD. macOS, Windows OS, Ubuntu OS, unRaid OS

Languages, Libraries, and Frameworks:
JavaScript, jQuery, Node.js, Express.js, REST API, ReactJS, MATLAB, HTML, CSS, LaTeX, PHP, C, C++, C#, VHDL, Python, MIPS Assembly Language, Java, AngularJS, MongoDB, SQL (MySql)

Network Protocols, Software and Hardware:
TCP/IP, OSI, OSPF, BGP, DNS, P2P, DHCP, VLAN, Windows Server 2012, Windows Server 2016, Ubiquiti Networks

Additional Skills:
· Full-stack web development
· Wireless and Network Security Integration and Solution Design
· PCB design, testing, and soldering
· Custom IC layout design and testing
· FPGA programming and testing
· Researcher
· Fast learner and a problem solver
· Strong organizational, analytical, interpersonal, and presentation skills
· Experienced in Mobile application design and development

RELEVANT EXPERIENCE

July 2019 - Present
Software Developer at Sync & Scale
· Built a web application to handle multiple Degree, Minute, and Seconds (DMS) reverse geocoding querries to Google Maps by utilizing PHP, JavaScript, HTML, CSS, MySQL, and Google Maps API
· Helped the company to have a better visualization about their GPS attenas placement around the world by placing many markers on the Google Maps

March - June 2019
Book Application Project at Seattle Central College
· Worked with Node Package Manager
· Built a simple book webpage application using Express.js, React.js, MongoDB, and REST API to update the page without reloading it

June - September 2017
Undergraduate Research Assistant at Seattle University
· Provided ongoing assistance to an assigned faculty member
· Handled various responsibilites related to research projects and miscellaneous assignments
· Assisted in the development and implementation of engineering projects, including using MATLAB and ThingSpeak to design, build, and implement an image classification for an IoT application

March - June 2017
Electrical Engineering Intern at Seattle City Light
Designed, tested, and developed a prototype for a DC distribution circuit to charge a cellphone by using a 6VDC Alkaline battery and a 5V USB charger

September 2016 - June 2017
Interdisciplinary Project: PACCAR Tractor/Trailer Communication Phase II
Refined truck's trailer communication system via Bluetooth, XBee sensor modules implementation.
· Programmed Raspberry Pi 3 as a datahub to collect sensors' data and store it in MySQL
· Programmed an Android tablet to connect to the datahub via Bluetooth and get sensors' data from it