



BINH T. NGUYEN

binh@binhnguyen.info | (319) 438-2464

[United States Citizen]

| | |
|------------------------------|--|
| OBJECTIVE | To apply my knowledge of design, implementation, and troubleshooting within the <i>telecommunications and networking</i> industry, along with my strong communication, organization, and leadership skills. |
| EDUCATION | Rochester Institute of Technology (RIT) [ABET Accredited] <i>Rochester, New York</i> <i>Master of Science in Telecommunications Engineering Technology</i> Expected Graduation: May 2012 Overall GPA: 4.0/4.0 |
| | Christian Brothers University (CBU) [ABET Accredited] <i>Memphis, Tennessee</i> <i>Bachelor of Science in Electrical Engineering</i> Overall GPA: 3.74/4.0 Dates Attended: 2006 – 2010 Summa Cum Laude |
| CORE STRENGTHS | <ul style="list-style-type: none">❖ Strong Communication, Leadership, Project Management, and Problem Solving Skills❖ Expertise in Telecommunication Networks, Wireless Energy Transfer, and Electronics❖ Fluent in English & Vietnamese |
| TECHNICAL PROFICIENCY | Certifications: Cisco Certified Internetwork Expert (CCIE®) R&S – <i>Written</i> Cisco Certified Network Professional (CCNP®) Cisco Certified Design Professional (CCDP®) Cisco Switches: Nexus 2K, 5K & 7K, Catalyst 2960/3560/3750/4500/6500 Series Cisco Routers: ASR 1K & 9K, Cisco 2900/3900/7200/7600/12K Series Operating Systems: IOS, NX-OS, IOS XE, IOS XR (limited), Windows, Linux CAD: MATLAB, Cadence PSpice, EAGLE, AutoCAD, Altera Quartus II, LabVIEW Programming & dB: Java, PLC Ladder Logic, Assembly, HTML, CSS, Oracle, Joomla |
| WORK EXPERIENCE | Cisco Systems, Inc. <i>Research Triangle Park, NC</i> Advance Services Lab Technician [Dec 2010 - Present] Assist network engineers in recreating enterprise networks for testing and performance validation. The position focuses on establishing and troubleshooting layer 2 and layer 3 connectivity. Exposure to Cisco routers, switches, and data center equipment. |
| | Johns Hopkins University – Center for Talented Youth <i>Los Angeles & Hong Kong</i> Teaching Assistant – Fast-Paced Electrical Engineering Course [2009 - 2010] Responsible for preparing and conducting laboratory sessions, study sessions, and assisting in class lectures. Course highly emphasized solar robotics, circuit design, and next generation technologies. |
| RESEARCH | Wireless Energy Transfer – Wireless Charging Station (<i>Senior Project Design</i>) Designed a wireless charging station for low-powered electronic devices using magnetic resonance coupling theory. Performed extensive research on Wireless Energy Transfer. Results: Prototype successfully charged multiple mobile phones and media players wirelessly and simultaneously at up to 8 inches of separation. Role: Project Manager & Lead Researcher/Developer For more information on the project, visit www.binhnguyen.info |
| PROJECTS | Student Professional Awareness Conference (S-PAC) [2007 – Present] Planned and coordinated the annual S-PAC Engineering Conference. Learned and applied real world techniques in time organization, career growth, networking, and project management skills. Helped increase participation by 40% from previous year. |
| HONORS & AWARDS | Award – 2010 Brother Philip Morgan Electrical Engineering Award [May 2010] Award – Christian Brothers University Presidential Recognition [May 2010] 1st Place – Tennessee Academy of Sciences - Presentation [May 2010] 1st Place – IEEE Regional Website Competition [2009 & 2010] Chairman – IEEE Student Branch at CBU [2009 – 2010] Member – Alpha Chi National College Honor Society [2009 – 2010] Member – Tau Beta Pi Engineering Honor Society [2008 – 2010] Volunteer – Student Professional Awareness Conference (S-PAC) [2008 – 2010] Valedictorian – Memphis Catholic High School [2006] |