Hamza Khalid

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U.S Citizen

Objective: To obtain an entry level software engineering role in a team-oriented environment, while also gaining innovative skills in the workplace.

Education: George Mason University – Fairfax, Virginia — *Graduated May 2019*
Bachelor of Science in Electrical Engineering
GPA: 3.07
University of Richmond – Richmond, Virginia — *Attending until Nov 2021*
6 Month Full-stack Coding Bootcamp

Skills & Qualifications:

- Currently applying/learning: HTML5, CSS3, JavaScript, jQuery, Express.js, React.js, Node.js, Progressive Web Apps, Agile Methodology, Computer Science, Database Theory, MongoDB, MySQL, Git.
- Proficient in circuit design and utilization using PSPICE software as well as hardware simulations using discrete components (soldering, printed circuit boards, oscilloscopes, DC/AC power supplies etc).
- Firm grasp on utilizing Python, Shell, Perl, CSS, C++ and C programming languages as well as VHSIC Description Language (VHDL), Linux and other command line tools.
- Advanced in Network Distribution via IP routing using GNS3 software as well as TCP/IP networking.

Projects:

Vesuvio Restaurant App

- Description: In a group environment created an interactive web app that utilizes a RESTful API in order to create/view reservations and reviews on a restaurant webpage.
- Technologies Used: HTML, CSS3, Javascript, Node, Express, Handlebars, MySQL, Sequlize ORM and Heroku.

Deployed URL: https://salty-brushlands-40310.herokuapp.com

Shield I-D

- Description: Once again, in a group environment I helped to create an interactive web app that dynamically delivers key information about Marvel superheroes to the user using two web APIS.
- Languages Used: HTML, CSS and Javascript
- Deployed URL: https://endlessashley.github.io/Shield-ID/

MPLS Layer 3 Virtual Private Network

- Created a private internetwork for two customers across an MPLS provider.
- Networking information shared with providers and customers using eBGP.
- The provider maintains certain routes for customers using VRF instances and distributes information amongst each route using iBGP**.**
- Resulted in a self-healing MPLS provider network that could be easily expanded upon.