Kyle Hopkins

Email: kh09211@georgiasouthern.edu
Github: github.com/kh09211
Portfolio: kyleweb.dev

Full Stack Web Development

Back End Web Development
- PHP 7 best practices and design principles, use of Composer and Object Orientated Programming (OOP)
- MySQL and SQLite database queries, migrations, security, and CRUD use with PHP, ORMs, and APIs
- GIT/Git-Hub versioning software, initializing repositories, making commits, push/pull/forking projects
- Laravel framework for PHP and use of Artisan, Tinker, Blade templating, Eloquent models, database migrations, user authentication, controllers / routers, and use of Webpack.js, Node.js and NPM
- Code debugging, parsing data, filesystem manipulation within PHP, and JSON/XML format encoding

Front End Web Development
- HTML 5 markup, visual design, applied accessibility, and mobile first website design principles
- CSS 3 and Bootstrap 4 fundamentals, CSS Flexbox, CSS Grid, and mobile responsive media queries
- Javascript, jQuery AJAX, VUE.js framework, and Wordpress CMS installation and theme development

Linux/Unix System Administration
- Proficiency with the shell command line, SSH, FTP, Bash Shell Scripting, and Linux kernel compilation
- Ubuntu server, Red-hat server, Arch distributions, Package management, and use of Postfix mail MTA
- AWS cloud management, EC2 instances, Route 53 and hosted zone DNS name record configurations
- Apache2 and NGINX web server installation and configuration of virtual servers, and related modules
- Maintain security through routine updates, upgrades, patches, and SSL / TLS certificate installations

---

Work Experience and Specialized Training

Lennox International – Kysor Warren
Electrical Engineer Intern *Jan 2018– May 2018*
- Constructed PLC Controllers (IDEC) and HMIs to implement and utilize comprehensive test stations
- Document Manufacturing Process Instructions (MPI) meeting the standards of Quality and Safety
- Training and experience in LEAN manufacturing, line balancing, TAKT time, efficiency, and capacity

Lucky 7 Performance Automotive
Lead Auto Technician *Jul 2015– Sep 2016*
- Create custom wiring harnesses, relay and controller boards, Megasquirt PCM, standalone circuitry
- Tuning of Computer fuel injection systems, carburetors, and ignition systems in racing applications
- Fabrication, welding M.I.G. and SMAW, measurement and assembly of tight tolerance machinery

H&H Enterprise Incorporated
Shop Manager *Jun 2014 – Jul 2015*
- Supervise and lead a 4-person team to complete work orders, repair jobs, and a variety of projects
- Troubleshooting, testing, and diagnosis of technical problems pertaining to various accessory issues utilizing schematics, diagrams, test equipment, precision instruments, and diagnostic machinery

---

University and Education

- Georgia Southern University - *B.S. in Electrical Engineering* (3.8 GPA) *Incomplete Jul 2018*
- The University of Georgia **–** *B.S. in Psychology* (3.3 GPA) *Graduated Dec 2010*
- Georgia Military College – A.S. in General studies (3.9 GPA) *Graduated May 2017*

Other Certifications and Skills

- Experience with Matlab, Basic, Visual Basic, C, Compilers and Decompilers
- FreeCodeCamp (300hr) Responsive Web Design Certification *Certified Sep 2019*
- Full Circle (120hr) TEFL Certification *Certified Jan 2020*
- *ASE* Automotive Certifications - Electrical Systems / Engine Repair *Certified Jan 2014*
- EPA HVAC Section 608 Type I Technician Certification *Certified Nov 2013*