Paul F. Esch-Laurent

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EDUCATION

Michigan Technological University Houghton, MI – *B.S. Computer Engineering*

SEP. 2014 – PRESENT

GPA (Cumulative/Department): 3.13/3.32. Expected Graduation: Spring 2019.
- VP of Linux/UNIX Users Group and Humane Interface Design Enterprise.
- Core organizer of Winter Wonderhack hackathon.

EXPERIENCE

24G Clawson, MI – *Software Development Intern*

JAN. 2017 – AUG. 2017, MAY 2018 – AUG. 2018

- Created a CMS using Vue.js powered by a RESTful API. Transferred data real-time via WebSockets.
- Leveraged responsive web design to make the user interface & user experience seamless.
- Architected a boilerplate featuring Sass compilation, code minification, and asset revisioning.
- Worked with the AWS stack including DynamoDB, S3, Lambda, and API Gateway.
- Implemented a build pipeline with Gulp that deploys to an S3 bucket or EC2 instance.

REMC1 Hancock, MI – *Helpdesk Support Intern*

OCT. 2015 – APR. 2016, AUG. 2016 – DEC. 2016, SEP. 2017 – APR. 2018

- Assisted clients remotely via phone, chat support, or remote tools like TeamViewer & RDP.
- Wrote documentation on internal processes, user troubleshooting, and team training.
- Managed helpdesk tickets by triaging and delegating to senior staff as necessary.

Sungem Petoskey, MI – *Web Developer Intern*

MAY 2016 – AUG. 2016

- Developed and designed websites for a custom-built CMS, Shopify, and Squarespace.
- Assisted in server administration including NGINX configuration and SSL certificate installation.
- Implemented API integration with Google APIs and an in-house SQL and PHP powered API.

PROJECTS

WhenIsGucci Team Software Project

Scheduling application inspired by WhenIsGood created with a 4-person team for a university course.
- Implemented backend logic including routes, MongoDB transactions, and SendGrid API integration.
- Configured NGINX with Let's Encrypt to serve the reverse-proxied Node.js application.
- Utilized agile practices to rapidly develop the initial prototype in an 8-week timeframe.

CoCoTemp Humane Interface Design Enterprise

Small hardware device interfaced with a web application to record & track micro-climate data.
- Added a Gulp pipeline to compile Sass for streamlined deployment to production.
- Worked on breadboard to PCB conversion and the fabrication of a custom case for the device.

SKILLS

- **Languages:** HTML, CSS (+ Sass), JavaScript (+ Node.js), PHP, Python, SQL, C/C++, Java, Bash
- **Tools:** Make, Git, Gulp, npm (+ Yarn), Bower, Composer, Mocha, Chai, Travis CI
- **Software:** Photoshop, Illustrator, MATLAB, LaTeX, Apache, NGINX
- **OS**: Windows, Mac, Linux