Paul F. Esch-Laurent

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EDUCATION

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

SEP. 2014 - MAY 2019

- Cumulative GPA: 3.20. Department GPA: 3.34.
- VP of Linux / UNIX Users Group and Humane Interface Design Enterprise.
- Core organizer of Michigan Tech's homebrew hackathon: Winter Wonderhack.

EXPERIENCE

Target Corporation Minneapolis, MN – *Software Engineer*

JUL. 2019 - PRESENT

- Wrote utility to take logs emitted from a web app and make them consumable in a log aggregator.
- Worked in small team bootstrapping infrastructure to support functions-as-a-service within stores.
- Stood up an internal pastebin service to support ephemeral text content sharing within HQ.

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 UI / UX seamless across devices & platforms.
- 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.

Sungem Petoskey, MI – Web Developer Intern

MAY 2016 - AUG. 2016

- Developed and designed websites for an in-house 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 Event scheduling web app

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.

Blog My thoughts & opinions: published

My personal blog: containing a mix of technical and non-technical life musings.

- Custom theme featuring a light & dark theme, keyboard shortcuts, and improved typography.
- Contributed upstream to the open source blogging platform.

KEY: VALUES

- Coffee: yes, please. Preferably a light to medium roast served black. Pour-over, if possible.
- **Learning:** always. Life—both mine and yours—is better when we can better ourselves.
- Interests: full-stack web dev, automation, chasing the perfect cup of coffee, finding my N=1 bike.
- **Buzzwords:** CI/CD, serverless, dogfooding, the Cloud, IoT, devops, *-as-a-service, et al.