Preston Petrie

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EDUCATION

Bachelor of Science in Computer Science at Valparaiso University (May 2021)

- Presidential Scholarship
- Major GPA: 4.0/4.0; Overall GPA: 3.925/4.0; Dean's List, College of Arts and Sciences

EXPERIENCE

Valparaiso University, Teaching Assistant, Web Development (Aug 2018 - Present)

- Teaching and aiding students in the creation of web applications
- Fostering engaging classroom environment while communicating faculty standards and professional practices through teaching, grading, and tutoring

SysBrick LLC, Owner (Jun 2018 - Present)

- Using progressive web technologies to develop reactive web pages for businesses
- Consulting with the customer throughout development to ensure they will be happy with the final product
- Created custom content management system (CMS) for customers

Lakeshore EMS, Information Technology Specialist (Aug 2016 - Nov 2017)

- Implemented, maintained, and updated WordPress website and installation
- Crafted custom solutions for the tracking of business assets
- Implemented and maintained local NAS storage solution to alleviate the cost of external HIPAA-compliant cloud storage

Andrean High School, Information Technology Intern (Aug 2014 - Dec 2015)

- Assisted in the upgrading of the school's network from gigabit to ten-gigabit
- Traced and documented previously undocumented network connections

PROJECTS

PaintFX

- Created an image-editing application from scratch using JavaFX
- Followed an aggressive agile development timeline

Tyler's Tender Railroad Restaurant website and tools

- Crafted automated custom coupon redemption/sending service over SMS using Twilio
- Integrated custom CMS using MySQL to allow the customer to edit the website without programming knowledge, while alleviating the speed issues associated with most CMS products

Bypass tracking web application, Indiana District 1 Hospital Emergency Planning Committee

- Allows first responders to see the patient availability of emergency rooms
- Allows hospital administrators to update the status of their facilities

SKILLS

Java	C/C++	Swing
MySQL	JavaFX	HTML/CSS/JavaScript
Node.js	Ruby	Ruby on Rails
MySQL	Bootstrap	LAMP Administration
jQuery	PHP	
Linux & Windows Server Administration		

ADDITIONAL CONTACT INFO

GitHub: preston159
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