THANNAREE CHAROENPOKKASAP

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OBJECTIVE

Seeking a full-time position in Information Technology, where I can develop Web applications and improve user experience, innovate, and find ways to improve systems through the use of new and evolving technologies.

SKILLS

- Web Development: HTML, CSS, WordPress, Bootstrap
- Languages: Java, JavaScript, Angular Framework, Python, C++, SQL, d3js data visualization
- Tools: WebStorm, version control (git command line), Balsamiq Wireframe, Microsoft Team Foundation Server (TFS), Microsoft Visual Studio
- Software: MS Office, Visio, Project; Adobe Photoshop, Lightroom
- Excellent communication, critical thinking and problem-solving skills

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WORK EXPERIENCE

2018 – now   **Software Developer, General Motors Innovation Center, Tech Ridge, Austin, TX**

Data Visualization Project

- Develop new UI application to visualize streaming incoming data about PLC (programmable logic controller) performance, using Angular, JavaScript, and d3js graphing library
- Work with Business Analytics team to better understand business needs, then translate those details to design and develop reports using collected data to meet business requirements.

Automation Testing Project

- Use Cactus Page Object, a design pattern for Selenium, to improve test automation to be dynamic and ensure that all assigned test cases are covered and pass

Tableau Project

- Work with Data Analyst, Enterprise Data Warehouse architect, and Tableau developer team to have all reports internationalized in all native languages where GM has manufacturing plants
- Develop charts about PLC performance to meet business needs by leveraging Tableau to load data that has gone through ETL and apply filters to visualize per business requirements

Innovation Product Ownership

- Function as Innovation Owner of a manufacturing cybersecurity application leveraging security products to store credentials used to access plant floor equipment for all GM manufacturing plants. Responsible for client team training, technical debt work-off, and functional enhancements.

2009 – 2010 **6th Grade English Teacher, Boonprateebwittayakaan School, Thailand**
Taught English grammar and designed and prototyped new curricula and lesson plans. Supported the needs of students with varying proficiency levels.

EDUCATION

Associate of Science in Information Sciences and Technology
Pennsylvania State University, May 2018 - GPA 4.00
Relevant Courses: Databases, Networking, OO App Dev in Java, Security and Risk Analysis

Bachelor of Arts in Psychology
Naresuan University, Phitsanulok, Thailand, March 2006

PROJECTS AND ACTIVITIES

2017   **Designed and Created an Instructional Webpage for Chess Beginners**
            Created as part of Technical Writing coursework at Penn State, still actively maintained

2016   **Designed and Wrote a Game Application** using Java and object-oriented
            programming as part of OOAD coursework at Penn State

2015   **Created Course Scheduling Database Using MySQL Workbench**
            for Organization of Data course

2015   **Redesigned Penn State's Faculty Self-Assessment Webpage**
            Redesigned website using HTML5, CSS3, and Bootstrap, to improve site accessibility

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HONORS

2017 – 2018   **Academic Awards:** Berks Scholars and Outstanding Adult Student (Associate Degree)

2016 – Preset **Alpha Sigma Lambda:** A member of the honor society Alpha Sigma Lambda

2015 – 2016   **Dean's List, Spring 2015 And 2016:** Penn State University – Berks Campus

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REFERENCES

Available upon request