TAI H. DOAN

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SKILLS

Languages: Python, C++, C, C#, Go, HTML, JavaScript
Frameworks: ASP.NET MVC, Agile/Scrum   •   Devices: PSoC, Arduino, Oscilloscope
Other: SQL Server, TCP/HTTP REST Internet Protocols, Git, Circuit Design & Analysis, Jira, Technical Writing, System Design

EDUCATION

Seattle Pacific University, WA   *Jan 2018 – Present*

Bachelor of Science in Computer Engineering – Expected to graduate in June 2020

- GPA: 3.60
- *Relevant Courses*: Computer Networks, Systems Design, Data Structures and Algorithm, Communication System Analysis, Computer Organization and Assembly Language, Digital Systems, Microcontrollers.

TECHNICAL EXPERIENCE

Software Developer Intern – Bellmont Cabinets Co., WA   *June 2019 - Present*

- Analyzed shop-worker needs, designed and developed an ASP.NET MVC web application that manages all the tools that are used in the factory including tool usage, inventory, cost spent, etc.
- Create, update and query data in the existing MySQL databases that are utilized by the data visualizations and tools
- Write supporting code for existing web applications to improve work performance of employees in the factory
- Collaborated with the team following Agile/Scrum practices.
- Managed project development progress with Jira Project Management software in a manufacturer environment

BIKEGUARD – Group Project, Seattle Pacific University, WA   *April 2019 – June 2019*

- Designed a device to prevent bike theft by sending notifications and GPS location of the bike to the owner when someone tampers with their bike using narrow band signal
- Developed embedded system to collect the analyze data from electronic sensors and effectively send messages to the online server
- Built a Windows User-Interface to get and display data from the server.

COUNT-IT-FIRST– Group Project, Seattle Pacific University, WA   *May 2019*

- Designed a server-client based counting game application using TCP protocol
- Created a graphic user-interface with PythonQt for multiple players.

PARKING TRACKER – Group Project, NB-IoT Hackathon, WA   *March 2019*

- Designed a system to check location and occupancy of parking spots, and keep track of parking time by sending notification over text message
- Developed embedded system to collect and analyze data from electronic sensors
- Utilized the knowledge of Narrowband – Internet of Things technology

ADDITIONAL EXPERIENCE

Athletic Event Staff – Seattle Pacific University, WA   *Aug 2018 – Present*

- Handled cash/credit card transactions on tickets and concessions
- Interacted with visitors in a positive manner and provided customer services to guests as needed

Math Tutor - Highline College, WA   *Dec 2015 – June 2017*

- Worked with a diverse student body
- Personalized tutoring to each student to optimize learning experience

AWARDS and CERTIFICATIONS   LANGUAGES

- Phi Theta Kappa membership
- Highline Math Tutoring Center Level 3 Certification

- **English** – Professional Proficiency
- **Vietnamese** – Native