TAI H. DOAN

tdoan.space | tdoan1024@gmail.com | linkedin.com/in/tai-doan-1024 | github.com/tdoan1024 | (253) 391-5932 | Seattle, WA

SKILLS

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

EDUCATION

Seattle Pacific University, WA

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 4 web applications that are used in the company's operations using ASP.NET MVC framework and programming languages such as C#, HTML, CSS and JavaScript.
- Created, updated and queried data in the existing SQL databases that were utilized by the data visualizations and tools.
- Modified existing software to correct errors or to improve its performance.
- Collaborated with the team following Agile/Scrum practices to design and develop new software features.
- Managed project development progress with Jira Project Management software in a manufacturer environment.
- Wrote or contributed to engineering documentation such as Acceptable Use Policy, project status reports and workflow procedures.

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 tempers with their bike using narrow band signal.
- Developed embedded system to collect the analyze data from electronic sensors and designed an algorithm to effectively send messages to the online server with C/C++.
- Built a Windows User-Interface to get and display data from the server with Visual Studio and C++.

COUNT-IT-FIRST– Group Project, Seattle Pacific University, WA   *May 2019*
- Designed a server-client based counting game application using Python and TCP protocol. Created a graphic user-interface with PythonQt for multiple players interaction.

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 messages. Developed embedded system to collect and analyze data from electronic sensors with C/C++ and utilized the knowledge of Narrowband – Internet of Things technology.

ADDITIONAL EXPERIENCE

Athletic Event Staff – Seattle Pacific University, WA   *Aug 2018 – Dec 2019*
- Worked in a fast-pace environment, responsible for ensuring transactions on tickets and concessions are correct.
- Collaborated with team to host athletic events and delivered solution for unexpected problems.
- Used communication skill to interact with visitors in a positive manner and provided excellent customer service to guests.

Math Tutor - Highline College, WA   *Dec 2015 – June 2017*
- Worked with a diverse student body and Personalized tutoring to each student to optimize learning experience.

AWARDS and CERTIFICATIONS

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

LANGUAGES

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