

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

- Analyze shop-worker needs, design and develop 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.
- Collaborate with the team following Agile/Scrum practices.
- Manage 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 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 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 messages.
- 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 – Dec 2019

- Worked in a fast-paced 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.
- 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