

JADE DHANGWATTANOTAI
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EDUCATION

Boston University College of Engineering, Boston, MA
Bachelor of Science in Computer Engineering

May 2018

TECHNICAL SKILLS

Programming Languages: C, C++, C#, Java, Python, SQL, JavaScript, HTML&CSS
Software/Hardware: GitHub, IntelliJ, Visual Studio

EXPERIENCE

PTTEP, Bangkok, Thailand
Software Engineering intern

June 2017 – August 2017

- Worked in team of 1 intern/2 engineers to develop a prototype website for oil and gas data analysis.
- Designed and implemented Django based software for data visualization
- Demonstrated successful data queries from the company's Oracle database.
- Implemented Matlab program to classify oil/gas properties of corporate owned data.

Boston University, Boston, MA
College of Electrical and Computer Engineering Research Intern

May 2016 – May 2017

- Tested acoustic properties of the stethoscope and eliminate environmental noises.
- Assisted in the software analysis using MATLAB to generate phase space graphs.
- Researched various heart conditions, their corresponding heart sounds, and current methods of machine analysis of heart sounds.
- Assisted in the design of recording device, test the EKG/PCG signals for clarity.

ENGINEERING PROJECTS

IoT Temperature Sensor

- Create an IoT system using Photon particle cloud that save data collected from a network of sensors and will allow visualization of data in both historical and real-time views.

Pill Dispenser

- Created a Pill dispensing system which alerts patients to take medicine and report to third party.

Walk or T

- Implemented Android application that calculates time take to walk or take the MBTA to class from specific location on BU campus.

Virtual Pet

- Developed and design a virtual pet, Tamagotchi, on the MSP432P401R and EDU-MMKII Booster pack, Texas Instrument.

Instagram Visualizer

- Implemented Django web application to create a social media platform which consumes Google maps, Google place and Instagram API.

LEADERSHIP & ACTIVITY

Fundraising VP— Theta Tau, Professional Engineering Fraternity
Events Chair— Boston University Thai Student Association
BostonHacks— Boston University Hackathon

September 2016 – May 2017

September 2015 – May 2016

April 2017