

JADE DHANGWATTANOTAI

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New grad with a passion for learning technologies and mastering programming principles across multiple platforms.

EDUCATION

Boston University, College of Engineering, Boston, MA

May 2018

Bachelor of Science in Computer Engineering (2017 Dean's List)

GPA: 3.1 / 4.0

SKILLS & INTERESTS

Programming Languages – C, C++, C#, Java, Python, JavaScript, HTML, CSS

Framework & Software – .NET, IntelliJ, Visual Studio, Ionic, Django

ENGINEERING PROJECTS

Akamai Technologies – CDN with Web Application Firewall

January – May 2018

- Working in an agile team of 5 engineers. Assuming the role of scrum master.
- Designing an alternative version of a CDN system with an emphasis on cyber security, implemented through use of cloud technology, OpenStack (MOC).

Oomf Inc – Smartmory, Smart Lending Locker

September 2017 – May 2018

- Instantiated the development of laptop lending system for higher-education institutions, which allows users to access the laptops through iOS and Android devices.
- Developed Ionic mobile application to unlock the locker via Bluetooth connection.

Autonomous Driving Crawler

November 2017

- Designed an internet of things system for RC rock crawler to drive autonomously and enabled remote control over IP bridged networks.
- Implemented Arduino XBees to transmit data from LIDAR sensors and display data in real-time.
- Developed indoor sensing, actuation, positioning and locomotion using Arduino XBees.

Tamagotchi Virtual Pet

March 2017

- Designed a Tamagotchi-like pet which operates on MSP432 microcontroller.

Instagram Visualizer

May 2017

- Implemented Django web application to create a social media platform which utilizes Google Maps, Google Places, and Instagram APIs.

PROFESSIONAL EXPERIENCES

NextWave Hire, Cambridge, MA

January 2018 – April 2018

Software Engineering intern

- Developing the company's human resources solutions, "Talent Community Insights".
- Tested RESTful API call to generate data of potential candidates.

PTTEP, Bangkok, Thailand

Software Engineering intern

June 2017 – August 2017

- Developed Django web application for natural resources data visualization.
- Implemented Matlab program to classify oil/gas properties of oil reservoir data.

Boston University, Boston, MA

May 2016 – February 2017

College of Electrical and Computer Engineering Research Intern

- Tested acoustic properties of the stethoscope and eliminated environmental noises.
- Assisted in the design of recording device, tested the EKG/PCG signals for clarity.

LEADERSHIP & ACTIVITY

Fundraising VP— Theta Tau, BU's Engineering Fraternity

September 2016 – May 2017

Events Chair— Boston University Thai Student Association

September 2015 – May 2016

Global Apps Initiative— Android App Developer

September 2017 – March 2018

ECE Senior Design Award— Cash prize for design excellence

May 2018