

Yae Jin

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Employment

LearnTech Labs

Sept. 2015 - Current

Computer Science Teaching Assistant

One of the academic courses LearnTech Labs offers is a computer science course, in which students learn how to understand and create algorithms. I assist in teaching the mathematical portions in the course, which includes linear algebra and binary numbers.

TechLX

June 2015 - July 2015

Minecraft Modding Teaching Assistant

Minecraft is a sandbox game that allows users to build any object within the game. I taught the students how to create mock electric circuits with an object in the game called redstone. The circuits include a clock signal provider and switches.

ReCarbon Inc.

Jan. 2015 - June 2015

Electrical Engineering Intern

ReCarbon's product destroys air pollutant particles with a large amount of electric power. I debugged and modified the company's custom software that runs the power source (MagDrive 1000) with C++. I also researched on the product's potential electrical components for the improvement of the product's efficiency and confirmed the order.

Mindful Talents

June 2014 - Sept. 2014

Engineering Intern

The goal of this internship was to create my own wearable device with Arduino and Bluetooth Low-Energy. I wired infrared sensors, an Arduino microcontroller and a Bluetooth Low-Energy for the prototype. The infrared sensors' purpose was to detect the user's blood circulation. Arduino software and Python were used for programming the Arduino microcontroller.

Education

LearnTech Labs

Sept. 2015 - Current

Full-Stack Web Development Student

LearnTech Labs teaches modern web and app development alongside computer science fundamentals. Students code over 1,500 hours during the program to gain their applied experience while working on projects provided by industry developers. By combining the applied coding skills and including the computer science fundamentals as the theoretical knowledge backing their coding work; LTL Junior developers come out with a more rounded skill set that allows them to dive into industry work with class.

Rose-Hulman Inst. of Tech.

Sept. 2010 - Nov. 2014

Electrical Engineering, B.S.

Rose-Hulman Institute of Technology (RHIT) is currently ranked as #1 engineering school in the nation for 17 years in a row. Students have a choice in choosing one or more of STEM majors to focus on. Laboratory works closely mirror field work, providing students a more realistic learning experience and preparation for post-school career.

Skills

JavaScript

Python

C++

Matlab

C

HTML

CSS

Git

SASS

LESS

Node JS

Angular JS

Express JS

jQuery

Bootstrap

SQL

My SQL

Postgress

Mongo DB

Agile Methodology

Test Driven Development

Object Oriented Programming