

Nicholas Stapler

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EDUCATION

OREGON STATE UNIVERSITY, CORVALLIS, OR

Jan 2019- Present

Professional Bachelor of Science in Computer Science

Expected Graduation: Fall 2020

BOSTON UNIVERSITY COLLEGE OF ENGINEERING, BOSTON, MA

May 2018

Bachelor of Science in Biomedical Engineering

GPA: 3.11/4.00

Coursework: C++ Programming, Advanced Objects (HTML/CSS/JS), Intro to Engineering Computation (MATLAB), Intro to Software Engineering (C++), Biomedical Device and Diagnostic Design

SKILLS: MATLAB, C++, HTML/CSS/JavaScript

RELEVANT EXPERIENCE

C++ Programming - Advanced Objects 17B: Monopoly Simulator

Aug- Dec 2018

- Created web-based, visual representation of Monopoly, with JavaScript and CSS controlling HTML elements
- Collaborated with 4 peers using GitHub and weekly meetings

C++ Programming 17A: C++ Skip Bo Card Game Simulator

June- July 2018

- Built a terminal-based card game using fundamental object-oriented programming concepts

2D/3D Ultrasound for Quantification of Muscle Architecture and Dynamics

Aug 2017- May 2018

- Developed a Matlab program for tracking the movement of muscle fibers groups, quantifying their velocity and displacement by using ultrasound images and the Normalized Cross-Correlation

Health Promotion Tool for Early Detection of Breast Cancer

Aug- Dec 2017

- Designed an Arduino program for glove with pressure/voltage sensing finger pads to interface with a Matlab program

WORK EXPERIENCE

Boston University Events and Conferences, Front Desk Attendant

May- Aug 2017

- Responded to front-desk calls and guest inquiries, engaging with conference guests

Boston University Physics Department, Physics 2 Learning Assistant

Aug- Dec 2016

- Developed and proposed supplemental worksheet to increase student engagement with material

Boston University Events and Conferences, Lead Room Attendant

May- Aug 2016

- Supervised a group of 6+ room attendants while servicing conference guests

AFFILIATIONS AND COMMUNITY SERVICE

Rancho Cucamonga Animal Shelter

Kitten Nursery Care Provider

Sep- Oct 2018

- Provided clean environments for the kittens to prevent cross-contamination

Humans United Giving Support (HUGS), President

Aug 2016- May 2018

- Organized and planned weekly group meetings and events

Beth Israel Deaconess Medical Center

ICU Transition Guide

May 2017- July 2017

- Guided patients/family members from intensive care units to noncritical floors
- Familiarized patients with new floor/room to reduce patient confusion and discomfort