

Michael Taj

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21 High Pasture Circle
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EDUCATION

Northeastern University

Candidate for Bachelor of Science in Business Administration in Entrepreneurship and Innovation

Boston, MA

May 2019

Selected Coursework: Lean Design and Development, Financial Management, Entrepreneurial Marketing and Selling, Supply Chain Management, Biomedical Statistics and Imaging, Innovation

Activities: Treasurer, Northeastern Robotics; Entrepreneurs Club; Intramural Soccer; Northeastern Video Game Club

WORK EXPERIENCE

ABIOMED, Inc.

Systems Engineer

Danvers, MA

June 2016-December 2016

Developed novel modular stress-testing method and apparatus to be used on prototypes

- Analyzed over 500 individual tests for projection data in Matlab and R
- Conducted independent research and development in blood lab
- Presented and communicated findings efficiently to team members domestic and abroad
- Facilitated discussion over further steps to be taken to maximize testing efficiency

Dean Lykos, LLC

Web Designer

Huntington, NY

January-June 2014

- Built and designed independent eCommerce website from the ground up utilizing html5 and CSS
- Designed efficient website layout and brand image
- Communicated with customers to troubleshoot and adapt to problems

Bonati Dental, LLC

Office Assistant

Nesconset, NY

June 2012-August 2013

- Updated and streamlined computer networks to reduce costs and increase efficiency
- Interacted with hundreds of patients on a weekly basis

PROJECTS

Adaptiv Smart Cushion:

- Collaborated on semester-long start up project to create a tangible product/business strategy within 5 months
- Designed, prototyped and constructed smart-cushion that analyzes posture through embedded sensors
- Conducted extensive market research and supply chain analysis to determine viability of business strategy
- Presented to board consisting of top executives, professors, and placed 2nd overall

Soundwav:

- Hacked NeuroSky Mindwave headset and Spotify API to produce curated playlists based on wearer responses to different types of music
- Created and designed website and material to promote product during hackathon

MedBand:

- Participated in Husky Startup Challenge to construct medical device for elderly patients
- Designed and prototyped using SOLIDWORKS, Arduino, and 3D Printing
- Received \$1000 IDEA prototype fund to continue work

Python:

- Collaborated in development of financial analysis script in python using Google Trends data

COMPUTER and TECHNICAL SKILLS

Applications and Languages: Matlab, R, Excel, SPSS, Photoshop, PowerPoint, AutoCAD, HTML5, WordPress, Python

Technical Skills: Statistical Analysis, Communication, 3D Printing, Presentation, Electronics repair

BACKGROUND AND INTERESTS

Fluent in English, Farsi, and Spanish

Avid skier and cyclist; Concert pianist; Video game enthusiast; FAA certified UAS pilot