

Victor Dadfar

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EDUCATION

JOHNS HOPKINS UNIVERSITY

BS IN BIOMEDICAL ENGINEERING

MINOR IN COMPUTER SCIENCE

Whiting School of Engineering

Expected Dec 2018 | Baltimore, MD

Dean's List

MORRIS HILLS HIGH SCHOOL

Grad. May 2014 | Rockaway, NJ

LINKS

Github:// [Vicmart1](#)

LinkedIn:// [vicmart7](#)

COURSEWORK

BIOMEDICAL ENGINEERING

Systems Bioengineering I + II

Medical Imaging Systems

Biophotonics

Design Team (3x)

COMPUTER SCIENCE

Computer Vision

Data Structures

Intermediate Programming

Introduction to Java (Teaching Assistant)

SKILLS

PROGRAMMING

Seasoned:

Java • Python • Swift (iOS) • JavaScript •

CSS • HTML

Experienced:

C • C++ • Objective-C • MATLAB •

Android • Basic • OpenGL

Familiar:

R • PHP • CudaTools

MISCELLANEOUS

Qualities:

Leadership • Public Speaking • Product

Development • Problem Solving

Platforms:

Eclipse • Xcode • Android Studio • Visual

Studio • Unix • Arduino

Areas of Expertise:

Web Development • UI Design • Medical

Imaging • Computer Graphics

WORK EXPERIENCE

PHONEFIT | FRONT-END SOFTWARE DEVELOPER INTERN

Dec 2016 – Current | Philadelphia, PA

- Designed and implemented UI solutions for the company's premier iPhone application

FUERZA STRATEGY GROUP | LEAD WEB DEVELOPER

Dec 2016 – Current | Kinnelon, NJ

- Designed and developed the company's landing page
- Worked with clients to understand their vision and created promotional solutions for their organizations in the digital space

OCHO TECH | LEAD SOFTWARE DEVELOPER

Mar 2016 – Current | Baltimore, MD

- Conducted over 400 user studies to target solution landscape, product vision
- Developed a mobile app to leverage social connections among patients in order to improve medication adherence and provide verification data for physicians
- JHU Business Plan Competition Finalists, April 2017

RESEARCH

I-STAR IMAGING LAB | UNDERGRADUATE RESEARCH STUDENT

Feb 2016 – Sept 2016 | Baltimore, MD

- Researched and tested a cutting-edge work flow for surgical tracking involving minimal marker contact while maintaining tracker accuracy
- Designed first-of-a-kind custom surgical tracking markers with unique three-dimensional shapes to be used in both infrared and radiographic tracking

ENGINEERING WORLD HEALTH | PRODUCT MANAGER

Nov 2014 – Dec 2016 | Baltimore, MD

- Led a multidisciplinary team of engineers and pre-medicine students to conduct background research, prototype creation, and product testing
- Engineered a low-cost labor monitor device for developing countries

PROJECTS

STOCKPORT | OCHO TECH

Jan 2017 | Swift, Xcode

- While learning Swift, wrote a trivia game with minimalistic UI/UX
- Published to the App Store as "StockPort: The Game", found [here](#)

PITCH PLATFORM | MEDHACKS HACKATHON

Sept 2016 | HTML5, JQuery, Parse

- Designed and developed a centralized platform for hackathon project ideas
- Created a scalable database-driven solution, utilizing the Parse Server API and an intuitive design language for a seamless user interface

OBJECT TRACKING ALGORITHM | MODELING AND DESIGN

Nov 2014 | Python, OpenCV

- From minimal exposure to Computer Vision algorithms, leveraged the power of the OpenCV library in Python to write a basic object recognition and tracking algorithm in under one week