

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

MORRIS HILLS HIGH SCHOOL
Grad. May 2014 | Rockaway, NJ

LINKS

Github:// [Vicmart1](#)
LinkedIn:// [vicmart7](#)

COURSEWORK

BIOMEDICAL ENGINEERING
Systems Bioengineering I + II
Medical Imaging Systems
Introduction to Biophotonics
Design Team

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 • Node

MISCELLANEOUS

Qualities:
Leadership • Public Speaking • Product
Development • Organization
Platforms:
Eclipse • Xcode • Android Studio • Visual
Studio • Unix • Arduino
Areas of Expertise:
Web Development • Data Visualization •
Computer Graphics • UI Design

EXPERIENCE

PHONEFIT | FRONT-END SOFTWARE DEVELOPER INTERN

Dec 2016 – Current | Philadelphia, PA

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

OCHO TECH | LEAD FRONT-END SOFTWARE DEVELOPER

Mar 2016 – Current | Baltimore, MD

- Conducted over 400 user studies to target a solution landscape and product vision
- Developed an app to leverage social connections among patients and in order to improve medication adherence and provide verification data for physicians

FUERZA STRATEGY GROUP | LEAD WEB DEVELOPER

Dec 2016 – Current | Kinnelon, NJ

- Designed and developed the company's landing page from scratch
- Perform monthly maintenance, ensuring information is up to date and user experience is stable

RESEARCH

I-STAR IMAGING LAB | UNDERGRADUATE RESEARCH

Feb 2016 – Sept 2016 | Baltimore, MD

- Researched and tested a cutting-edge workflow 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

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

PROJECTS

STOCKPORT | OCHO TECH

Jan 2017 | Baltimore, MD

- While learning Swift, wrote a simple trivia game with a minimalistic UI/UX
- Published to the app store, can be found [here](#)

PITCH PLATFORM | MEDHACKS HACKATHON

Sept 2016 | Baltimore, MD

- 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

BASIC OBJECT TRACKING ALGORITHM | MODELING AND DESIGN

Nov 2014 | Baltimore, MD

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