

# 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 • Node

### 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 App

### FUERZA STRATEGY GROUP | LEAD WEB DEVELOPER

Dec 2016 – Current | Kinnelon, NJ

- Designed and developed the company's landing page from scratch
- Worked with clients to understand their vision and create 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 an app to leverage social connections among patients in order to improve medication adherence and provide verification data for physicians
- JHU Business Plan Competition Finalists, Apr 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

### BASIC 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