

BrandonDuderstadt

J.H.U. Class of 2019 - Computer Science & Robotics

contact

3339 N. Charles St.
Baltimore MD 21218

412.580.9568
bduders1@jhu.edu

bstadt.com
github.com/bstadt

languages

C
C++
Python
Java
Autolt
L^AT_EX

experience with

OpenCV
Linux/Unix
Git
Mercurial
Scikit

interests

Autonomous Systems, Robotics, Computer Vision, Artificial Intelligence, Machine Learning, Application Development, Algorithms, Information Security, Networks

education

2015-Current **Student:** Johns Hopkins University
Computer Science & Robotics

2011-2015 **Valedictorian:** Hampton High School
GPA - 4.37/4.0

leadership

2008-2014 **Eagle Scout** Boy Scouts
Senior Patrol Leader
Order of the Arrow
300+ Service Hours

2011-2015 **Martial Arts & Freerunning Instructor** Martial Arts
Certified Instructor - World Parkour & Freerunning Federation
Certified Instructor - Pro Martial Arts
3rd Dan Black Belt
Ran Demo Team
Taught All Ages & Skill Levels

experience

2012-Current **Carnegie Robotics, Pittsburgh** Summer Research Internship
Robotics Field Testing
Data Management Scripting
Test Data Organization & Collection
Omnify Database Automation
Harness Wiring

2016 **Touch+** Tech Startup
Computer Vision & Haptic Feedback Device for the Blind
Winner \$10,000 O'Connor Tech Startup Competition
3rd Place Winner Hophacks 2016
Best Use of Hardware Hophacks 2016

2012-2015 **Project Lead - Hampton Robotics** Autonomous Robotics Team
3rd Place Overall - 2015 Botball World Championships
1st Place - 2015 Botball Seeding World Championships
4th Place Overall - 2013 Botball World Championships
3rd Place - 2013 Botball Double Elimination World Championships
Judge's Choice Team - 2013, 2014, 2015 Botball World Championships

references

Chris Shaw

Director of Software Engineering - Carnegie Robotics
347.678.5496
cshaw@carnegierobotis.com

Roger Nasci

PhD Candidate - Carnegie Mellon University
970.215.1625
rnasci@andrew.cmu.edu

Steve DiGirolamo

Founder - Steel City Parkour
724-799-1038
Stevedigirolamo1@gmail.com